Растворители и вода

Технические характеристики

По вопросам продаж и поддержки обращайтесь:

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Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
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Брянск (4832)59-03-52
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Владикавказ (8672)28-90-48
Владимир (4922)49-43-18
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Калуга (4842)92-23-67
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Киров (8332)68-02-04
Коломна (4966)23-41-49
Кострома (4942)77-07-48
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Курган (3522)50-90-47
Липецк (4742)52-20-81
Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Новокузнецк (3843)20-46-81
Ноябрьск (3496)41-32-12
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Петрозаводск (8142)55-98-37
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Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
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Самара (846)206-03-16
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Саратов (845)249-38-78
Севастополь (8692)22-31-93
Саранск (8342)22-96-24
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97
Тверь (4822)63-31-35
Тольятти (8482)63-91-07
Томск (3822)98-41-53
Тула (4872)33-79-87
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Улан-Удэ (3012)59-97-51
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Чебоксары (8352)28-53-07
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Чита (3022)38-34-83
Якутск (4112)23-90-97
Ярославль (4852)69-52-93

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эл.почта: pcc@nt-rt.ru || сайт: https://panreac.nt-rt.ru/

1-Methyl-2-Pyrrolidone, 99% for synthesis

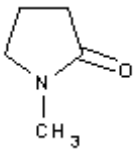
N-Methylpyrrolidone, NMP

Minimum assay (G.C.): 99%

CODE	**163080**
CAS	**872-50-4**
MOLECULAR FORMULA	**C_5H_9NO**
MOLAR MASS	**99.13 g/mol**

Packs sizes (1)

	CODE	PACKAGING SIZE	
	CODE 163080.1611	PACKAGING SIZE 1000 ml	Product active until stock lasts.



Technical data

MELTING POINT:	-23 °C
BOILING POINT:	202 °C
DENSITY:	1.033 kg/l
REFRACTIVE INDEX:	20/D 1.4684

PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	163080
PRODUCT NAME:	1-Methyl-2-Pyrrolidone, 99% for synthesis
QUALITY NAME:	for synthesis
SPECIFICATIONS:	Minimum assay (G.C.): 99% Identity: IR passes test Density 20/4: 1.031-1.034 Water (H2O): 0.1 %
HAZARD PICTOGRAMS	
WGK:	1
STORAGE:	Storage away from direct light.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS08 GHS06
H PHRASES:	H360D H319 H335 H315 H331
P PHRASES:	P201 P202 P261 P264 P271 P280 P281 P302+P352 P304+P340 P305+P351+P338

	P308+P313 P312 P321 P332+P313 P337+P313 P362 P403+P233 P405 P501

MASTER NAME:	1-Methyl-2-Pyrrolidone
SYNONYMS LONG TEXT:	N-Methylpyrrolidone, NMP
EINECS:	212-828-1
CS:	2933 79 00 90
INDEX NR.:	606-021-00-7

1-Butanol (USP-NF) pure, pharma grade

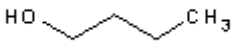
Butyl Alcohol

Assay (G.C.): 99.5%

CODE	**141082**
CAS	**71-36-3**
MOLECULAR FORMULA	**$CH_3(CH_2)_3OH$**
MOLAR MASS	**74.12 g/mol**

Packs sizes (1)

CODE	PACKAGING SIZE
CODE 141082.0716	PACKAGING SIZE 25 l



Technical data

MELTING POINT:	-90 °C
BOILING POINT:	118 °C
DENSITY:	0.810 kg/l
SOLUBILITY:	water 77 g/l at 20 °C
REFRACTIVE INDEX:	20/D 1.3993
	liquid

PHYSICAL DESCRIPTION:	
PRODUCT CODE:	141082
PRODUCT NAME:	1-Butanol (USP-NF) pure, pharma grade
QUALITY NAME:	pure, pharma grade
SPECIFICATIONS:	Assay (G.C.): 99.5% Identity: IR passes test Maximum limit of impurities Acidity: 0.0008 meq/g Alkalinity: 0.001 meq/g Non-volatile matter: 0.004 % Residual solvents (Ph.Eur/USP): passes test Acetone (G.C.): 0.02% Butanal (G.C.): 0.03% di n-Butyl ether (G.C.): 0.2% 2-Butanol (G.C.): 0.1 % 2-Methyl-1-Propanol (G.C.): 0.1 % Water (H2O): 0.1 %
HAZARD PICTOGRAMS	
UN:	1120
CLASS/PG:	3/III
ADR:	3/III
IMDG:	3/III
IATA:	3/III
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02

H PHRASES:	GHS07 GHS05 H226 H302 H315 H318 H336 H335
P PHRASES:	P210 P233 P240 P241 P242 P243 P261 P264 P270 P271 P280 P301+P312 P302+P352 P303+P361+P353 P304+P340 P305+P351+P338 P310 P312 P321 P330 P332+P313 P362 P370+P378 P403+P233 P403+P235

MASTER NAME:	1-Butanol
SYNONYMS LONG TEXT:	Butyl Alcohol
EINECS:	200-751-6
CS:	2905 13 00 00
INDEX NR.:	603-004-00-6

1-Butanol (Reag. USP, Ph. Eur.) for analysis, ACS, ISO

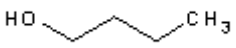
Butyl Alcohol

Minimum assay (G.C.): 99.5%

CODE	**131082**
CAS	**71-36-3**
MOLECULAR FORMULA	**$CH_3(CH_2)_3OH$**
MOLAR MASS	**74.12 g/mol**

Packs sizes (3)

	CODE	PACKAGING SIZE
	CODE 131082.1611	PACKAGING SIZE 1000 ml
	CODE 131082.1612	PACKAGING SIZE 2.5 l
	CODE 131082.1214	PACKAGING SIZE 5 l



Technical data

MELTING POINT:	-90 °C
BOILING POINT:	118 °C
DENSITY:	0.810 kg/l
SOLUBILITY:	water 77 g/l at 20 °C
REFRACTIVE INDEX:	20/D 1.3993
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	131082
PRODUCT NAME:	1-Butanol (Reag. USP, Ph. Eur.) for analysis, ACS, ISO
QUALITY NAME:	for analysis, ACS, ISO
SPECIFICATIONS:	Minimum assay (G.C.): 99.5% Identity: IR passes test Density 20/4: 0.808-0.810 Range of Boiling: 116-119°C Maximum limit of impurities APHA colour: 10 Acidity: 0.0008 meq/g Alkalinity: 0.0005 meq/g Insoluble matter in H2O: passes test Non-volatile matter: 0.001 % Darkened substances by H2SO4: passes test Carbonyl compounds (as C3H7CHO): 0.01% Acetone (G.C.): 0.01% 2-Butanol (G.C.): 0.05% Butanal (G.C.): 0.01% di-n-Butyl Ether (G.C.): 0.1% Isobutanol (G.C.): 0.15% Water (H2O): 0.1 % Metals by ICP [in mg/Kg (ppm)] Ag: 0.05 Al: 0.5 As: 0.05

Au: 0.05
B: 0.02
Ba: 0.1
Be: 0.02
Bi: 0.05
Ca: 0.5
Cd: 0.05
Co: 0.02
Cr: 0.02
Cu: 0.02
Fe: 0.1
Ga: 0.02
Ge: 0.05
Hg: 0.05
In: 0.05
K: 0.1
Li: 0.05
Mg: 0.1
Mn: 0.02
Mo: 0.02
Na: 0.5
Ni: 0.02
P: 0.2
Pb: 0.1
Pt: 0.02
S: 0.2
Sb: 0.02
Si: 0.2
Sn: 0.1
Sr: 0.2
Ti: 0.02
Tl: 0.02
V: 0.02
Zn: 0.1
Zr: 0.02

HAZARD PICTOGRAMS

UN: 1120

CLASS/PG: 3/III

ADR:	3/III
IMDG:	3/III
IATA:	3/III
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07 GHS05
H PHRASES:	H226 H302 H315 H318 H336 H335
P PHRASES:	P210 P233 P240 P241 P242 P243 P261 P264 P270 P271 P280 P301+P312 P302+P352 P303+P361+P353 P304+P340 P305+P351+P338 P310 P312 P321 P330 P332+P313 P362

	P370+P378 P403+P233 P403+P235
MASTER NAME:	1-Butanol
SYNONYMS LONG TEXT:	Butyl Alcohol
EINECS:	200-751-6
CS:	2905 13 00 00
INDEX NR.:	603-004-00-6

1-Butanol for UV, IR, HPLC

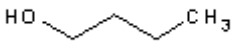
Butyl Alcohol

Minimum assay (G.C.): 99.9%

CODE	**361082**
CAS	**71-36-3**
MOLECULAR FORMULA	**$CH_3(CH_2)_3OH$**
MOLAR MASS	**74.12 g/mol**

Packs sizes (1)

CODE	PACKAGING SIZE
CODE 361082.1611	PACKAGING SIZE 1000 ml



Technical data

MELTING POINT:	-90 °C
BOILING POINT:	118 °C
DENSITY:	0.810 kg/l
SOLUBILITY:	water 77 g/l at 20 °C
REFRACTIVE INDEX:	20/D 1.3993

PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	361082
PRODUCT NAME:	1-Butanol for UV, IR, HPLC
QUALITY NAME:	for UV, IR, HPLC
SPECIFICATIONS:	Minimum assay (G.C.): 99.9% Density 20/4: 0.808-0.810 Maximum limit of impurities APHA colour: 10 Acidity: 0.0002 meq/g Alkalinity: 0.0002 meq/g Non-volatile matter: 0.0003 % Water (H2O): 0.03 % Suitability for IR spectrometry:: passes test UV Spectrum (1cm cell; Ref.: water): Transmittance at 207 (Cut off) nm: ≥10% Transmittance at 210 nm: ≥25% Transmittance at 220 nm: ≥50% Transmittance at 230 nm: ≥75% Transmittance at 240 nm: ≥85% Transmittance at 250 nm: ≥94% Transmittance at 270-450 nm: ≥98% Data of interest in HPLC: P' + 0,25 E: 8.3 Rohrschneider Polarity: 3.9 Eluotropic value e° (Al2O3): 0.7 Sol. H2O in solv. at 20°C: 20.1 For critical jobs, purge with nitrogen. Microfiltered product (0.2 µm) and bottled under nitrogen atmosphere.
HAZARD PICTOGRAMS	
UN:	1120

CLASS/PG:	3/III
ADR:	3/III
IMDG:	3/III
IATA:	3/III
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07 GHS05
H PHRASES:	H226 H302 H315 H318 H336 H335
P PHRASES:	P210 P233 P240 P241 P242 P243 P261 P264 P270 P271 P280 P301+P312 P302+P352 P303+P361+P353 P304+P340 P305+P351+P338 P310 P312 P321 P330

	P332+P313 P362 P370+P378 P403+P233 P403+P235
MASTER NAME:	1-Butanol
SYNONYMS LONG TEXT:	Butyl Alcohol
EINECS:	200-751-6
CS:	2905 13 00 00
INDEX NR.:	603-004-00-6

1-Bromonaphthalene, 96% for synthesis

1-Naphthyl Bromide, a-Bromonaphthalene

Minimum assay (G.C.): 96%

CODE	**15A603**
CAS	**90-11-9**
MOLECULAR FORMULA	**$C_{10}H_7Br$**
MOLAR MASS	**207.08 g/mol**

Packs sizes (2)

	CODE	PACKAGING SIZE	
	CODE 15A603.1610	PACKAGING SIZE 500 ml	Product discontinued. Alternative 15A603.1612 (please check specifications).
	CODE 15A603.1612	PACKAGING SIZE 2.5 l	

Technical data

MELTING POINT:	1 °C
BOILING POINT:	281 °C
DENSITY:	1.485 kg/l
REFRACTIVE INDEX:	20/D 1.6576
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	15A603
PRODUCT NAME:	1-Bromonaphthalene, 96% for synthesis
QUALITY NAME:	for synthesis
SPECIFICATIONS:	Minimum assay (G.C.): 96% Identity: IR passes test Density 20/4: 1.483-1.486
WGK:	2
STORAGE:	Room Temperature.
MASTER NAME:	1-Bromonaphthalene
SYNONYMS LONG TEXT:	1-Naphthyl Bromide, a-Bromonaphthalene
EINECS:	201-965-2
CS:	2903 99 80 90

1-Pentanol pure

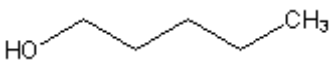
n-Amyl Alcohol, n-Butylcarbinol, n-Pentyl Alcohol

Assay (G.C.): 98%

CODE	**141884**
CAS	**71-41-0**
MOLECULAR FORMULA	**$C_5H_{12}O$**
MOLAR MASS	**88.15 g/mol**

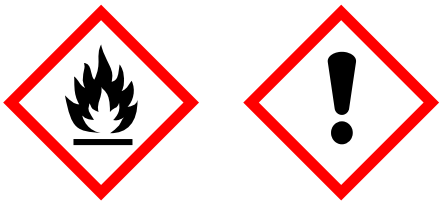
Packs sizes (1)

CODE	PACKAGING SIZE
CODE 141884.1211	PACKAGING SIZE 1000 ml



Technical data

MELTING POINT:	-79 °C
BOILING POINT:	138 °C
DENSITY:	0.815 kg/l
SOLUBILITY:	water 27 g/l at 20 °C
REFRACTIVE INDEX:	20/D 1.41

PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	141884
PRODUCT NAME:	1-Pentanol pure
QUALITY NAME:	pure
SPECIFICATIONS:	Assay (G.C.): 98% Identity: IR passes test Density 20/4: 0.814-0.816 Non-volatile matter: 0.01 % Carbonyl compounds (as HCHO): 0.1% Acids and esters: 0.15 meq/g Water (H2O): 0.5 % Cu: 0.0005 % Fe: 0.0005 % Ni: 0.0005 % Pb: 0.0005 %
HAZARD PICTOGRAMS	
UN:	1105
CLASS/PG:	3/III
ADR:	3/III
IMDG:	3/III
IATA:	3/III
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Warning
GHS SYMBOLS:	GHS02 GHS07

H PHRASES:	H226 H332 H335 H315
P PHRASES:	P210 P233 P240 P241 P242 P501 P243 P261 P264 P271 P280 P302+P352 P303+P361+P353 P304+P340 P312 P321 P332+P313 P362 P370+P378 P403+P233 P403+P235 P405

MASTER NAME:	1-Pentanol
SYNONYMS LONG TEXT:	n-Amyl Alcohol, n-Butylcarbinol, n-Pentyl Alcohol
EINECS:	200-752-1
CS:	2905 19 00 98
INDEX NR.:	603-200-00-1

1-Octanol, 99% for synthesis

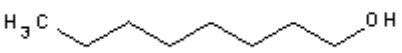
Caprylic Alcohol, n-Octyl Alcohol

Minimum assay (G.C.): 99%

CODE	**163386**
CAS	**111-87-5**
MOLECULAR FORMULA	**$C_8H_{18}O$**
MOLAR MASS	**130.23 g/mol**

Packs sizes (2)

	CODE	PACKAGING SIZE
	CODE 163386.1211	PACKAGING SIZE 1000 ml
	CODE 163386.1214	PACKAGING SIZE 5 l



Technical data

MELTING POINT:	-16 °C
BOILING POINT:	195 °C
DENSITY:	0.825 kg/l

REFRACTIVE INDEX:	20/D 1.4291
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	163386
PRODUCT NAME:	1-Octanol, 99% for synthesis
QUALITY NAME:	for synthesis
SPECIFICATIONS:	Minimum assay (G.C.): 99% Identity: IR passes test Density 20/4: 0.824-0.826 Water (H2O): 0.1 %

HAZARD PICTOGRAMS	
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Warning
GHS SYMBOLS:	GHS07
H PHRASES:	H319
P PHRASES:	P264 P280 P302+P352 P305+P351+P338 P321 P332+P313 P337+P313 P362

MASTER NAME:	1-Octanol
SYNONYMS LONG TEXT:	Caprylic Alcohol, n-Octyl Alcohol

EINECS:	203-917-6
CS:	2905 16 85 90

1-Methyl-2-Pyrrolidone for Headspace GC

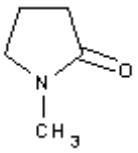
N-Methylpyrrolidone, NMP

Minimum assay (G.C.): 99.8 %

CODE	**753080**
CAS	**872-50-4**
MOLECULAR FORMULA	**C_5H_9NO**
MOLAR MASS	**99.13 g/mol**

Packs sizes (1)

CODE	PACKAGING SIZE
CODE 753080.1611	PACKAGING SIZE 1000 ml



Technical data

MELTING POINT:	-23 °C
BOILING POINT:	202 °C
DENSITY:	1.033 kg/l
REFRACTIVE INDEX:	20/D 1.4684

PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	753080
PRODUCT NAME:	1-Methyl-2-Pyrrolidone for Headspace GC
QUALITY NAME:	for Headspace GC
SPECIFICATIONS:	Minimum assay (G.C.): 99.8 % Identity: IR passes test Refractive Index n 20/D: 1.468 - 1.471 **Maximum limit of impurities** Suitability for analysis of residual solvents GC/HS : Solvents of class 1 according to ICH: 0.5 ppm Solvents of class 2 according to ICH: 5 ppm Solvents of class 3 according to ICH: 25 ppm Water (H2O): 0.1 %
HAZARD PICTOGRAMS	
WGK:	1
STORAGE:	Storage away from direct light.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS08 GHS06
H PHRASES:	H360D H319 H335 H315 H331
P PHRASES:	P201 P202 P261 P264

	P271 P280 P281 P302+P352 P304+P340 P305+P351+P338 P308+P313 P312 P321 P332+P313 P337+P313 P362 P403+P233 P405 P501

MASTER NAME:	1-Methyl-2-Pyrrolidone
SYNONYMS LONG TEXT:	N-Methylpyrrolidone, NMP
EINECS:	212-828-1
CS:	2933 79 00 90
INDEX NR.:	606-021-00-7

1-Methyl-2-Pyrrolidone for analysis, ACS

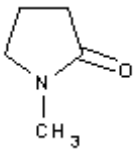
N-Methylpyrrolidone, NMP

Minimum assay (G.C.): 99.5%

CODE	**133080**
CAS	**872-50-4**
MOLECULAR FORMULA	**C_5H_9NO**
MOLAR MASS	**99.13 g/mol**

Packs sizes (1)

CODE	PACKAGING SIZE
CODE 133080.1611	PACKAGING SIZE 1000 ml



Technical data

MELTING POINT:	-23 °C
BOILING POINT:	202 °C
DENSITY:	1.033 kg/l
REFRACTIVE INDEX:	20/D 1.4684

PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	133080
PRODUCT NAME:	1-Methyl-2-Pyrrolidone for analysis, ACS
QUALITY NAME:	for analysis, ACS
SPECIFICATIONS:	Minimum assay (G.C.): 99.5% Maximum limit of impurities APHA colour: 50 Chloride (Cl): 0.0001% Free amines (as CH3NH2): 0.01% Water (H2O): 0.05 % Al: 0.00001 % Au: 0.00001 % Cr: 0.00001 % Cu: 0.00001 % Fe: 0.00001 % K: 0.00001 % Mg: 0.00001 % Mn: 0.00001 % Ni: 0.00001 % Pb: 0.00001 % Sb: 0.000005 % Sn: 0.00001 % Ti: 0.00001 % Zn: 0.000005 % Microfiltered product (0.2 µm) and bottled under nitrogen atmosphere.
HAZARD PICTOGRAMS	
WGK:	1
STORAGE:	Storage away from direct light.
SIGNAL WORD:	Danger

GHS SYMBOLS:	GHS08 GHS06
H PHRASES:	H360D H319 H335 H315 H331
P PHRASES:	P201 P202 P261 P264 P271 P280 P281 P302+P352 P304+P340 P305+P351+P338 P308+P313 P312 P321 P332+P313 P337+P313 P362 P403+P233 P405 P501

MASTER NAME:	1-Methyl-2-Pyrrolidone
SYNONYMS LONG TEXT:	N-Methylpyrrolidone, NMP
EINECS:	212-828-1
CS:	2933 79 00 90
INDEX NR.:	606-021-00-7

1-Methyl-2-Pyrrolidone (BP, Ph. Eur., USP-NF) pure, pharma grade

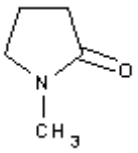
N-Methylpyrrolidone, NMP

Minimum assay (G.C.): 99.5%

CODE	**143080**
CAS	**872-50-4**
MOLECULAR FORMULA	**C_5H_9NO**
MOLAR MASS	**99.13 g/mol**

Packs sizes (1)

CODE	PACKAGING SIZE
CODE 143080.0719	PACKAGING SIZE 200 l



ⓘ Technical data

MELTING POINT:	-23 °C
BOILING POINT:	202 °C
DENSITY:	1.033 kg/l

REFRACTIVE INDEX:	20/D 1.4684
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	143080
PRODUCT NAME:	1-Methyl-2-Pyrrolidone (BP, Ph. Eur., USP-NF) pure, pharma grade
QUALITY NAME:	pure, pharma grade
SPECIFICATIONS:	Minimum assay (G.C.): 99.5% Identity according to Pharmacopoeias:: passes test Maximum limit of impurities Appearance: passes test Alkalinity: passes test Related substances: Residual solvents (Ph.Eur.): passes test Any impurity: 0.1 % Total impurities: 0.3 % Water (H2O): 0.1 %

HAZARD PICTOGRAMS	
WGK:	1
STORAGE:	Storage away from direct light.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS08 GHS06
H PHRASES:	H360D H319 H335 H315 H331

P PHRASES:	P201 P202 P261 P264 P271 P280 P281 P302+P352 P304+P340 P305+P351+P338 P308+P313 P312 P321 P332+P313 P337+P313 P362 P403+P233 P405 P501

MASTER NAME:	1-Methyl-2-Pyrrolidone
SYNONYMS LONG TEXT:	N-Methylpyrrolidone, NMP
EINECS:	212-828-1
CS:	2933 79 00 90
INDEX NR.:	606-021-00-7

Ethanol 96% v/v (USP, BP, Ph.Eur.) pure, pharma grade

Ethyl Alcohol

Assay (G.C.) (v/v): 96.0-96.6 %

CODE	**141085**
CAS	**64-17-5**
MOLECULAR FORMULA	**CH_3CH_2OH**
MOLAR MASS	**46.07 g/mol**

Packs sizes (9)

	CODE	PACKAGING SIZE
	CODE 141085.1211	PACKAGING SIZE 1000 ml
	CODE 141085.1212	PACKAGING SIZE 2.5 l
	CODE 141085.1612	PACKAGING SIZE 2.5 l
	CODE 141085.1214	PACKAGING SIZE 5 l
	CODE 141085.1315	PACKAGING SIZE 10 l

CODE
141085.0716

PACKAGING SIZE
25 l

CODE
141085.0816

PACKAGING SIZE
25 l

CODE
141085.3619

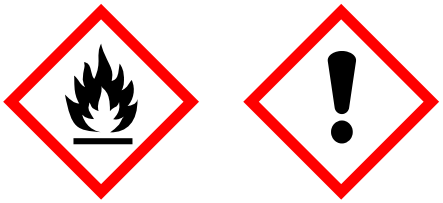
PACKAGING SIZE
200 l

CODE
141085.9774

PACKAGING SIZE
1000 l

Technical data

MELTING POINT:	-114.1 °C
BOILING POINT:	78.5 °C
DENSITY:	0.805 kg/l
REFRACTIVE INDEX:	20/D 1.361
PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	141085
PRODUCT NAME:	Ethanol 96% v/v (USP, BP, Ph.Eur.) pure, pharma grade
QUALITY NAME:	pure, pharma grade

SPECIFICATIONS:	Assay (G.C.) (v/v): 96.0-96.6 % Identity according to Pharmacopoeias:: passes test Density 20/20: 0.8051-0.8124 Maximum limit of impurities ABS λ 240 nm: 0.40 ABS λ 250-260 nm: 0.30 ABS λ 270-340 nm: 0.10 ABS Absorption curve,smooth: passes test Appearance: passes test Acidity or alkalinity: passes test Alkalinity: 0.001 meq/g Insoluble matter in H2O: passes test Non-volatile matter (w/v): 0.0025 % Reducing substance to KMnO4: passes test Clarity of solution: passes test Fusel oil: passes test Residual solvents (Ph.Eur/USP): passes test Acetone (G.C.): 0.005% 1-Pentanol, non-volatile subst. and carbonized subst. by H2SO4: passes test 2-Propanol (G.C.): 0.03% Acetone, 2-Propanol and 2-Methyl-2-Propanol: passes test Aldehydes (as CH3CHO): 0.001% Benzene (U.V.): 0.0002% Butanone (G.C.): 0.02% Volatile impurities (G.C.) Methanol: 0.02% Acetaldehyde and acetal: 0.001 % Benzene: 0.0002 % Total other impurities: 0.03 % Fe: 0,00005 %
HAZARD PICTOGRAMS	
UN:	1170
CLASS/PG:	

	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
STORAGE:	Storage away from direct light.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H319
P PHRASES:	P210 P233 P240 P241 P242 P501 P243 P280 P303+P361+P353 P370+P378 P403+P235 P264 P305+P351+P338 P337+P313

MASTER NAME:	Ethanol 96% v/v
SYNONYMS LONG TEXT:	Ethyl Alcohol
EINECS:	200-578-6
CS:	22071000
INDEX NR.:	603-002-00-5

Chloroform stabilized with ethanol (Reag. USP, Ph. Eur.) for analysis, ACS, ISO

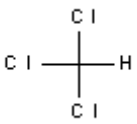
Chloroform

Minimum assay (G.C.): 99.0%

CODE	**131252**
CAS	**67-66-3**
MOLECULAR FORMULA	**$CHCl_3$**
MOLAR MASS	**119.38 g/mol**

Packs sizes (3)

	CODE	PACKAGING SIZE
	CODE 131252.1611	PACKAGING SIZE 1000 ml
	CODE 131252.1612	PACKAGING SIZE 2.5 l
	CODE 131252.0537	PACKAGING SIZE 30 l



Technical data

MELTING POINT:	-63 °C
BOILING POINT:	61 °C
DENSITY:	1.478 kg/l
SOLUBILITY:	water 8 g/l at 20 °C
REFRACTIVE INDEX:	20/D 1.4459
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	131252
PRODUCT NAME:	Chloroform stabilized with ethanol (Reag. USP, Ph. Eur.) for analysis, ACS, ISO
QUALITY NAME:	for analysis, ACS, ISO
SPECIFICATIONS:	Minimum assay (G.C.): 99.0% Minimum assay (G.C.) (stabilizer not included): 99.8% Identity: IR passes test Density 20/4: 1.475 - 1.482 Suitability: for use in dithizone tests: passes test Range of Boiling: 60 - 62 °C Maximum limit of impurities APHA colour: 10 Acidity (as HCl): 0.000365 % Non-volatile matter: 0.001 % Darkened substances by H2SO4: passes test Chlorine (Cl): 0.00007% Chloride (Cl): 0.00002% Carbonyl compounds (as CH3COCH3): 0.001% Carbon Tetrachloride (G.C.): 0.01% Dichloromethane (G.C.): 0.01% Ethanol (G.C.): 0.5-0.8 % Phosgene (Cl2CO): 0.0001% Metallic impurities: passes test Tetrachloroethylene (G.C.): 0.01%

Trichloroethylene (G.C.): 0.01%
Related substances (G.C.)
Total impurities: 0.7 %
Water (H2O): 0.01 %

Metals by ICP [in mg/Kg (ppm)]
Ag: 0.05
Al: 0.5
As: 0.05
Au: 0.05
B: 0.02
Ba: 0.1
Be: 0.02
Bi: 0.05
Ca: 0.5
Cd: 0.05
Co: 0.02
Cr: 0.02
Cu: 0.02
Fe: 0.1
Ga: 0.02
Ge: 0.05
Hg: 0.05
In: 0.05
K: 0.1
Li: 0.05
Mg: 0.1
Mn: 0.02
Mo: 0.02
Na: 0.5
Ni: 0.02
P: 0.2
Pb: 0.05
Pt: 0.02
S: 0.2
Sb: 0.02
Si: 0.2
Sn: 0.1
Sr: 0.2
Ti: 0.02
Tl: 0.02
V: 0.02
Zn: 0.1
Zr: 0.02

HAZARD PICTOGRAMS	
UN:	1888
CLASS/PG:	6.1/III
ADR:	6.1/III
IMDG:	6.1/III
IATA:	6.1/III
WGK:	3
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS06 GHS08
H PHRASES:	H302 H315 H351 H361d H331 H372 H319
P PHRASES:	P201 P202 P260 P264 P270 P280 P281 P301+P312 P302+P352 P308+P313 P314 P321

	P330 P332+P313 P362 P405 P501 P305+P351+P338 P337+P313 P261 P271 P311 P304+P340
MASTER NAME:	Trichloromethane stabilized with ethanol
SYNONYMS LONG TEXT:	Chloroform
EINECS:	200-663-8
CS:	2903 13 00 00
INDEX NR.:	602-006-00-4

2-Propanol (USP-NF, BP, Ph. Eur.) pure, pharma grade

Dimethylcarbinol, IPA, Isopropanol, iso-Propyl Alcohol, sec-Propyl Alcohol

Minimum assay (G.C.): 99.5%

CODE	**141090**
CAS	**67-63-0**
MOLECULAR FORMULA	**$CH_3CHOHCH_3$**
MOLAR MASS	**60.10 g/mol**

Packs sizes (7)

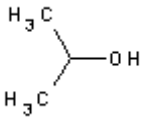
	CODE	PACKAGING SIZE
	141090.1211	1000 ml
	141090.1212	2.5 l
	141090.1214	5 l
	141090.0716	25 l
	141090.0719	200 l

CODE
141090.3619

PACKAGING SIZE
200 l

CODE
141090.9774

PACKAGING SIZE
1000 l

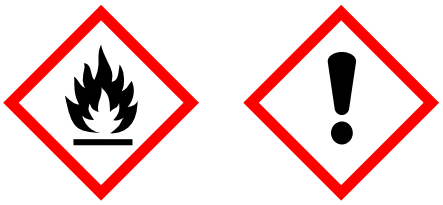


Technical data

MELTING POINT:	-88.5 °C
BOILING POINT:	82.5 °C
DENSITY:	0.785 kg/l
REFRACTIVE INDEX:	20/D 1.3772
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	141090
PRODUCT NAME:	2-Propanol (USP-NF, BP, Ph. Eur.) pure, pharma grade
QUALITY NAME:	pure, pharma grade
SPECIFICATIONS:	Minimum assay (G.C.): 99.5% Identity according to Pharmacopoeias:: passes test Density 25/25: 0.783-0.787 Density 20/20: 0.785-0.789 Refractive Index n 20/D: 1.376-1.378

Maximum limit of impurities
ABS λ 230 nm: 0.30 UA
ABS λ 250 nm: 0.10 UA
ABS λ 270 nm: 0.03 UA
ABS λ 290 nm: 0.02 UA
ABS λ 310 nm: 0.01 UA
Appearance: passes test
Acidity or alkalinity: passes test
Non-volatile matter: 0.002 %
Peroxides: passes test
Related substances: 0.3%
Residual solvents (Ph.Eur/USP): passes test
Benzene: 0.0002%
Ethanol (G.C.): 0.05%
Volatile impurities (G.C.):
Individual unspecified impurity: 0.1 %
Total impurities: 1.0 %
Methanol: 0.02 %
Acetone: 0.1 %
1-Propanol: 0.1 %
2-Butanol: 0.1 %
Dietyl Ether: 0.1 %
di-Isopropyl Ether: 0.1 %
Water (H2O): 0.5 %

HAZARD PICTOGRAMS	
UN:	1219
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1
STORAGE:	Storage away from direct light.

SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H319 H336
P PHRASES:	P243 P261 P271 P303+P361+P353 P304+P340 P305+P351+P338

MASTER NAME:	2-Propanol
SYNONYMS LONG TEXT:	Dimethylcarbinol, IPA, Isopropanol, iso-Propyl Alcohol, sec-Propyl Alcohol
EINECS:	200-661-7
CS:	2905 12 00 00
INDEX NR.:	603-117-00-0

1-Propanol (Reag. USP, Ph. Eur.) for analysis, ACS

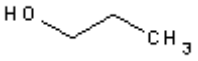
n-Propanol, n-Propyl alcohol

Minimum assay (G.C.): 99.5%

CODE	**131885**
CAS	**71-23-8**
MOLECULAR FORMULA	**$CH_3CH_2CH_2OH$**
MOLAR MASS	**60.10 g/mol**

Packs sizes (4)

	CODE	PACKAGING SIZE	
	CODE 131885.1211	PACKAGING SIZE 1000 ml	Product active until stock lasts.
	CODE 131885.1611	PACKAGING SIZE 1000 ml	Product active until stock lasts.
	CODE 131885.1612	PACKAGING SIZE 2.5 l	
	CODE 131885.0716	PACKAGING SIZE 25 l	Product active until stock lasts.



Technical data

MELTING POINT:	-126.5 °C
BOILING POINT:	97.4 °C
DENSITY:	0.804 kg/l
REFRACTIVE INDEX:	20/D 1.385
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	131885
PRODUCT NAME:	1-Propanol (Reag. USP, Ph. Eur.) for analysis, ACS
QUALITY NAME:	for analysis, ACS
SPECIFICATIONS:	Minimum assay (G.C.): 99.5% Identity: IR passes test Density 20/4: 0.803-0.805 Range of Distillation (>95% dist.): 96-98°C Maximum limit of impurities APHA colour: 10 Acidity: 0.0004 meq/g Alkalinity: 0.0006 meq/g Insoluble matter in H2O: passes test Non-volatile matter: 0.001 % Darkened substances by H2SO4: passes test Carbonyl compounds (as C2H5CHO): 0.03% Acetone (G.C.): 0.01% 2-Propanol (G.C.): 0.05% Ethanol (G.C.): 0.01% di-n-Propyl Ether (G.C.): 0.1% Methanol (G.C.): 0.01% Propionaldehyde (G.C.): 0.01%

	Water (H2O): 0.1 % Ca: 0.00005 % Cd: 0.000005 % Co: 0.000002 % Cr: 0.000002 % Cu: 0.000002 % Fe: 0.00001 % Mg: 0.00001 % Mn: 0.000002 % Ni: 0.000002 % Pb: 0.00001 % Zn: 0.00001 %
HAZARD PICTOGRAMS	
UN:	1274
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS05 GHS07
H PHRASES:	H225 H318 H336
P PHRASES:	P210 P233 P240

	P241 P242 P243 P261 P271 P280 P303+P361+P353 P304+P340 P305+P351+P338 P310 P312 P370+P378 P403+P233 P403+P235 P405 P501

MASTER NAME:	1-Propanol
SYNONYMS LONG TEXT:	n-Propanol, n-Propyl alcohol
EINECS:	200-746-9
CS:	2905 12 00 00
INDEX NR.:	603-003-00-0

1,4-Butanediol, 99% for synthesis

1,4-Butyleneglycol, 1,4-Dihydroxybutane, Tetramethyleneglycol

Minimum assay (G.C.): 99%

CODE	**15A597**
CAS	**110-63-4**
MOLECULAR FORMULA	**$C_4H_{10}O_2$**
MOLAR MASS	**90.12 g/mol**

Packs sizes (1)

CODE	PACKAGING SIZE
CODE 15A597.1212	PACKAGING SIZE 2.5 l

Technical data

MELTING POINT:	20.1 °C
BOILING POINT:	235 °C
DENSITY:	1.015 kg/l
REFRACTIVE INDEX:	20/D 1.446
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	15A597
PRODUCT NAME:	1,4-Butanediol, 99% for synthesis

QUALITY NAME:	for synthesis
SPECIFICATIONS:	Minimum assay (G.C.): 99% Identity: IR passes test Density 20/4: 1.015-1.016 Water (H2O): 0.3 %

HAZARD PICTOGRAMS	
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Warning
GHS SYMBOLS:	GHS07
H PHRASES:	H302 H336
P PHRASES:	P264 P270 P301+P312 P330 P501

MASTER NAME:	1,4-Butanediol
SYNONYMS LONG TEXT:	1,4-Butyleneglycol, 1,4-Dihydroxybutane, Tetramethyleneglycol
EINECS:	203-786-5
CS:	2905 39 26 00

1,2-Propanediol (USP, BP, Ph. Eur., JP) pure, pharma grade

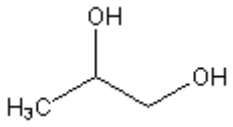
1,2-Propileneglycol

Minimum assay (G.C.): 99.5%

CODE	**141545**
CAS	**57-55-6**
MOLECULAR FORMULA	**$C_3H_8O_2$**
MOLAR MASS	**76.10 g/mol**

Packs sizes (4)

	CODE	PACKAGING SIZE
	CODE 141545.1211	PACKAGING SIZE 1000 ml
	CODE 141545.1214	PACKAGING SIZE 5 l
	CODE 141545.0716	PACKAGING SIZE 25 l
	CODE 141545.0718	PACKAGING SIZE 60 l



Technical data

MELTING POINT:	-59 °C
BOILING POINT:	189 °C
DENSITY:	1.040 kg/l
REFRACTIVE INDEX:	20/D 1.4324
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	141545
PRODUCT NAME:	1,2-Propanediol (USP, BP, Ph. Eur., JP) pure, pharma grade
QUALITY NAME:	pure, pharma grade
SPECIFICATIONS:	Minimum assay (G.C.): 99.5% Identity according to Pharmacopoeias:: passes test Density 25/25: 1.035-1.037 Density 20/20: 1.035-1.040 Range of Distillation (min. 95%): 184-189°C Refractive Index n 20/D: 1.431-1.433 Maximum limit of impurities Appearance: passes test Acidity (Ph. Eur.): passes test Acidity (USP, JP): passes test Reducing substances: passes test Residue on ignition (as SO4): 0.005 % Chloride (Cl): 0.007% Sulfate (SO4): 0.002% Oxidizing substances: passes test Residual solvents (Ph.Eur/USP): passes test

	Total impurities (G.C.): 1.0 % Glycerol: passes test Ethylenglycol: 0.10% Diethyleneglycol: 0.10% Water (H2O): 0.1 % Heavy metals (as Pb): 0.0005 %
WGK:	1
STORAGE:	Room Temperature.
MASTER NAME:	1,2-Propanediol
SYNONYMS LONG TEXT:	1,2-Propileneglycol
EINECS:	200-338-0
CS:	2905 32 00 00

1,2-Dichlorobenzene, 98% for synthesis

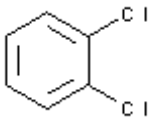
o-Dichlorobenzene

Minimum assay (G.C.): 98%

CODE	**161892**
CAS	**95-50-1**
MOLECULAR FORMULA	**$C_6H_4Cl_2$**
MOLAR MASS	**147.00 g/mol**

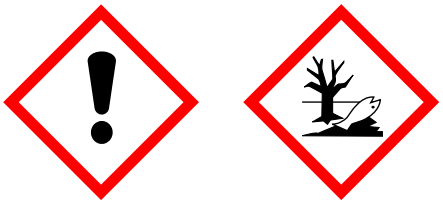
Packs sizes (1)

	CODE	PACKAGING SIZE	
	CODE 161892.1612	PACKAGING SIZE 2.5 l	Product discontinued. Please check CAS-No. for alternative or contact our Customer Service.



ⓘ Technical data

MELTING POINT:	-17 °C
BOILING POINT:	180 °C
DENSITY:	1.307 kg/l
REFRACTIVE INDEX:	20/D 1.5515

PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	161892
PRODUCT NAME:	1,2-Dichlorobenzene, 98% for synthesis
QUALITY NAME:	for synthesis
SPECIFICATIONS:	Minimum assay (G.C.): 98% Identity: IR passes test Density 20/4: 1.305-1.308 Water (H2O): 0.05 %
HAZARD PICTOGRAMS	
UN:	1591
CLASS/PG:	6.1/III
ADR:	6.1/III
IMDG:	6.1/III
IATA:	6.1/III
WGK:	2
STORAGE:	Room Temperature.
SIGNAL WORD:	Warning
GHS SYMBOLS:	GHS07 GHS09
H PHRASES:	H302 H319 H335 H315 H410

P PHRASES:	P261 P264 P270 P271 P273 P501 P280 P301+P312 P302+P352 P304+P340 P305+P351+P338 P312 P321 P330 P332+P313 P337+P313 P362 P391 P403+P233 P405

MASTER NAME:	1,2-Dichlorobenzene
SYNONYMS LONG TEXT:	o-Dichlorobenzene
EINECS:	202-425-9
CS:	2903 91 00 00
INDEX NR.:	602-034-00-7

Triethanolamine (BP, Ph. Eur., USP-NF) pharma grade

2,2',2"-Nitrilotriethanol, 2,2',2"-Trihydroxytriethylamine, TEA, Tris (2-Hydroxyethyl)Amine, Trolamine

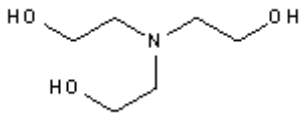
Assay (Acidim.): 99.0-103.0 %

CODE	**191750**
CAS	**102-71-6**
MOLECULAR FORMULA	**$C_6H_{15}NO_3$**
MOLAR MASS	**149.19 g/mol**

Packs sizes (5)

	CODE	PACKAGING SIZE
	CODE 191750.1611	PACKAGING SIZE 1000 ml
	CODE 191750.1214	PACKAGING SIZE 5 l
	CODE 191750.0716	PACKAGING SIZE 25 l
	CODE 191750.0718	PACKAGING SIZE 60 l

CODE	PACKAGING SIZE
191750.0619	200 l



Technical data

MELTING POINT:	21 °C
BOILING POINT:	335.4 °C
DENSITY:	1.124 kg/l
REFRACTIVE INDEX:	20/D 1.4852

PRODUCT CODE:	191750
PRODUCT NAME:	Triethanolamine (BP, Ph. Eur., USP-NF) pharma grade
QUALITY NAME:	pharma grade
SPECIFICATIONS:	Assay (Acidim.): 99.0-103.0 % Identity according to Pharmacopoeias:: passes test Density 20/20: 1.120-1.130 Density 25/25: 1.120-1.128 Refractive Index n 20/D: 1.482 - 1.485 Maximum limit of impurities Appearance of solution: passes test Residue on ignition (as SO4): 0.05 % Related substances Residual solvents (Ph.Eur/USP): passes test Ethanolamine: 0.1%

	Diethanolamine: 0.5% Total impurities: 1.0% N-Nitrosodiethanolamine: 24 ppb Water (H2O): 0.5 %
WGK:	1
STORAGE:	Storage away from direct light.
MASTER NAME:	Triethanolamine
SYNONYMS LONG TEXT:	2,2',2"-Nitrilotriethanol, 2,2',2"-Trihydroxytriethylamine, TEA, Tris (2-Hydroxyethyl)Amine, Trolamine
EINECS:	203-049-8
CS:	2922 15 00 00

Methanol (Reag. USP, Ph. Eur.) for analysis, ACS, ISO, BioChemica

Carbinol, Methyl Alcohol

Minimum assay (G.C.): 99.9%

CODE	**131091**
CAS	**67-56-1**
MOLECULAR FORMULA	**CH_3OH**
MOLAR MASS	**32.04 g/mol**

Packs sizes (6)

	CODE	PACKAGING SIZE
	CODE 131091.1211	PACKAGING SIZE 1000 ml
	CODE 131091.1611	PACKAGING SIZE 1000 ml
	CODE 131091.1212	PACKAGING SIZE 2.5 l
	CODE 131091.1612	PACKAGING SIZE 2.5 l
	CODE 131091.1214	PACKAGING SIZE 5 l

CODE	PACKAGING SIZE
131091.0716	25 l

Technical data

MELTING POINT:	-97.8 °C
BOILING POINT:	64 - 65 °C
DENSITY:	0.792 kg/l
REFRACTIVE INDEX:	20/D 1.3292
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	131091
PRODUCT NAME:	Methanol (Reag. USP, Ph. Eur.) for analysis, ACS, ISO, BioChemica
QUALITY NAME:	for analysis, ACS, ISO, BioChemica
SPECIFICATIONS:	Minimum assay (G.C.): 99.9% Identity: IR passes test Density 20/4: 0.791-0.792 Maximum limit of impurities APHA colour: 10 Acidity: 0.0002 meq/g Alkalinity: 0.0002 meq/g Insoluble matter in H2O: passes test Non-volatile matter: 0.0005 % Reducing substance to KMnO4 (as O): 0.00025 % Darkened substances by H2SO4: passes test Carbonyl compounds (as CH3COCH3): 0.002% Acetone (G.C.): 0.001% 2-Propanol (G.C.): 0.005% Acetaldehyde (CH3CHO): 0.001% Ethanol (G.C.): 0.005% Formaldehyde (HCHO): 0.001%

Water (H2O): 0.05 %

Metals by ICP [in mg/Kg (ppm)]
Ag: 0.05
Al: 0.10
As: 0.05
Au: 0.05
B: 0.02
Ba: 0.1
Be: 0.02
Bi: 0.05
Ca: 0.1
Cd: 0.05
Co: 0.02
Cr: 0.02
Cu: 0.02
Fe: 0.1
Ga: 0.02
Ge: 0.05
Hg: 0.05
In: 0.05
K: 0.1
Li: 0.05
Mg: 0.05
Mn: 0.02
Mo: 0.02
Na: 0.5
Ni: 0.02
P: 0.2
Pb: 0.02
Pt: 0.02
S: 0.2
Sb: 0.02
Si: 0.2
Sn: 0.1
Sr: 0.2
Ti: 0.02
Tl: 0.02
V: 0.02
Zn: 0.08
Zr: 0.02

HAZARD PICTOGRAMS	
UN:	1230
CLASS/PG:	3(6.1)/II
ADR:	3(6.1)/II
IMDG:	3(6.1)/II
IATA:	3(6.1)/II
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS06 GHS08
H PHRASES:	H225 H331 H311 H301 H370
P PHRASES:	P280 P210 P233 P309 P310 P302+P352 P501

MASTER NAME:	Methanol
SYNONYMS LONG TEXT:	Carbinol, Methyl Alcohol
EINECS:	200-659-6

CS:	2905 11 00 10
INDEX NR.:	603-001-00-X

2-Methyl-2,4-Pentanediol (USP-NF) pure, pharma grade

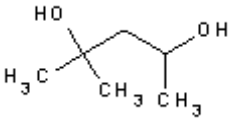
Hexylene glycol

Assay (G.C.): 98.0 - 102.0 %

CODE	**141348**
CAS	**107-41-5**
MOLECULAR FORMULA	**$C_6H_{14}O_2$**
MOLAR MASS	**118.18 g/mol**

Packs sizes (1)

	CODE	PACKAGING SIZE
	CODE 141348.0716	PACKAGING SIZE 25 l



Technical data

MELTING POINT:	-50 °C
BOILING POINT:	196 °C
DENSITY:	0.920 kg/l

REFRACTIVE INDEX:	20/D 1.427
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	141348
PRODUCT NAME:	2-Methyl-2,4-Pentanediol (USP-NF) pure, pharma grade
QUALITY NAME:	pure, pharma grade
SPECIFICATIONS:	Assay (G.C.): 98.0 - 102.0 % Identity according to Pharmacopoeias:: passes test Density 25/25: 0.917-0.923 Refractive Index n 25/D: 1.424-1.430 Maximum limit of impurities Acidity (as CH3COOH): 0.013% Residual solvents (Ph.Eur/USP): passes test Organic impurities (G.C.): Acetone: 0.1 % 2-Propanol: 0.1 % Diacetone Alcohol: 0.1 % 4-Methyl-2-Pentanone: 0.1 % 4-Methyl-2-Pentanol: 0.1 % Any other unspecified impurity: 0.1 % Total: 1.0 % Water (H2O): 0.5 %

HAZARD PICTOGRAMS	
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Warning
GHS SYMBOLS:	GHS07

H PHRASES:	H319 H315
P PHRASES:	P264 P280 P302+P352 P305+P351+P338 P321 P501 P332+P313 P337+P313 P362

MASTER NAME:	2-Methyl-2,4-Pentanediol
SYNONYMS LONG TEXT:	Hexylene glycol
EINECS:	203-489-0
CS:	2905 39 95 90
INDEX NR.:	603-053-00-3

1-Propanol for UV, IR, HPLC

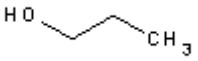
n-Propanol, n-Propyl alcohol

Minimum assay (G.C.): 99.8%

CODE	**361885**
CAS	**71-23-8**
MOLECULAR FORMULA	**$CH_3CH_2CH_2OH$**
MOLAR MASS	**60.10 g/mol**

Packs sizes (2)

	CODE	PACKAGING SIZE	
	CODE 361885.1611	PACKAGING SIZE 1000 ml	
	CODE 361885.1612	PACKAGING SIZE 2.5 l	Product discontinued. Alternative 361885.1611 (please check specifications).



Technical data

MELTING POINT:	-126.5 °C
BOILING POINT:	97.4 °C

DENSITY:	0.804 kg/l
REFRACTIVE INDEX:	20/D 1.385
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	361885
PRODUCT NAME:	1-Propanol for UV, IR, HPLC
QUALITY NAME:	for UV, IR, HPLC
SPECIFICATIONS:	Minimum assay (G.C.): 99.8% Density 20/4: 0.803-0.805 Maximum limit of impurities APHA colour: 10 Acidity: 0.0002 meq/g Alkalinity: 0.0002 meq/g Non-volatile matter: 0.0002 % Water (H2O): 0.1 % Suitability for IR spectrometry:: passes test UV Spectrum (1cm cell; Ref.: water): Transmittance at 208 (Cut off) nm: ≥10% Transmittance at 210 nm: ≥15% Transmittance at 230 nm: ≥70% Transmittance at 240 nm: ≥80% Transmittance at 250 nm: ≥94% Transmittance at 260-400 nm: ≥98% Data of interest in HPLC: Rohrschneider Polarity: 4.0 Eluotropic value e° (Al2O3): 0.82 Sol. H2O in solv. at 20°C: miscible For critical jobs, purge with nitrogen. Microfiltered product (0.2 µm) and bottled under nitrogen atmosphere.

HAZARD PICTOGRAMS

UN:	1274
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS05 GHS07
H PHRASES:	H225 H318 H336
P PHRASES:	P210 P233 P240 P241 P242 P243 P261 P271 P280 P303+P361+P353 P304+P340 P305+P351+P338 P310 P312 P370+P378 P403+P233 P403+P235 P405 P501

MASTER NAME:

	1-Propanol
SYNONYMS LONG TEXT:	n-Propanol, n-Propyl alcohol
EINECS:	200-746-9
CS:	2905 12 00 00
INDEX NR.:	603-003-00-0

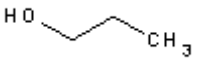
1-Propanol p. A.

Assay (GC): min. 99.0 %

CODE	**A0634**
CAS	**71-23-8**
MOLECULAR FORMULA	**$CH_3CH_2CH_2OH$**
MOLAR MASS	**60.10 g/mol**

Packs sizes (2)

	CODE	PACKAGING SIZE
	CODE A0634,9800	PACKAGING SIZE 800 L
	CODE A0634,9930	PACKAGING SIZE 930 L



Technical data

PHYSICAL DESCRIPTION:	Liquid
PRODUCT CODE:	A0634
PRODUCT NAME:	1-Propanol p. A.

SPECIFICATIONS:	Assay (GC): min. 99.0 % Refractive index: 1.38 - 1.39 Sum of other alcohols (GC): max. 1 %
HAZARD PICTOGRAMS	
UN:	1274
CLASS/PG:	3/III
ADR:	3/III
IMDG:	3/III
IATA:	3/III
WGK:	1
STORAGE:	RT
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS05 GHS07
H PHRASES:	H225 H318 H336
P PHRASES:	P280 P303+P361+P353 P305+P351+P338 P310 P405 P501
EINECS:	200-746-9
CS:	29051200
INDEX NR.:	603-003-00-0

1-Propanol, 99.5% for synthesis

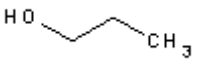
n-Propanol, n-Propyl alcohol

Minimum assay (G.C.): 99.5%

CODE	**161885**
CAS	**71-23-8**
MOLECULAR FORMULA	**$CH_3CH_2CH_2OH$**
MOLAR MASS	**60.10 g/mol**

Packs sizes (1)

	CODE	PACKAGING SIZE	
	CODE 161885.1211	PACKAGING SIZE 1000 ml	Product active until stock lasts.



Technical data

MELTING POINT:	-126.5 °C
BOILING POINT:	97.4 °C
DENSITY:	0.804 kg/l
REFRACTIVE INDEX:	20/D 1.385
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	161885
PRODUCT NAME:	1-Propanol, 99.5% for synthesis
QUALITY NAME:	for synthesis
SPECIFICATIONS:	Minimum assay (G.C.): 99.5% Identity: IR passes test Density 20/4: 0.803-0.805 Non-volatile matter: 0.001 % Methanol (G.C.): 0.1 % Water (H2O): 0.1 %
HAZARD PICTOGRAMS	
UN:	1274
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS05 GHS07
H PHRASES:	H225 H318 H336
P PHRASES:	P210

	P233 P240 P241 P242 P243 P261 P271 P280 P303+P361+P353 P304+P340 P305+P351+P338 P310 P312 P370+P378 P403+P233 P403+P235 P405 P501
MASTER NAME:	1-Propanol
SYNONYMS LONG TEXT:	n-Propanol, n-Propyl alcohol
EINECS:	200-746-9
CS:	2905 12 00 00
INDEX NR.:	603-003-00-0

1,4-Dioxan stabilized with ~ 25 ppm of BHT (Reag. USP, Ph. Eur.) for analysis, ACS, ISO

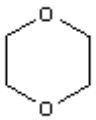
Diethylene Dioxide

Minimum assay (G.C.): 99.5%

CODE	**131296**
CAS	**123-91-1**
MOLECULAR FORMULA	**$C_4H_8O_2$**
MOLAR MASS	**88.11 g/mol**

Packs sizes (2)

	CODE	PACKAGING SIZE
	CODE 131296.1611	PACKAGING SIZE 1000 ml
	CODE 131296.0616	PACKAGING SIZE 25 l



Technical data

MELTING POINT:	11.8 °C
BOILING POINT:	101 °C
DENSITY:	1.033 kg/l
REFRACTIVE INDEX:	20/D 1.4224
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	131296
PRODUCT NAME:	1,4-Dioxan stabilized with ~ 25 ppm of BHT (Reag. USP, Ph. Eur.) for analysis, ACS, ISO
QUALITY NAME:	for analysis, ACS, ISO
SPECIFICATIONS:	Minimum assay (G.C.): 99.5% Identity: IR passes test Density 20/4: 1.032-1.034 Freezing point: ≥ 11.0°C Maximum limit of impurities APHA colour: 10 Acidity: 0.0016 meq/g Non-volatile matter: 0.005 % Carbonyl compounds (as HCHO): 0.01% Peroxides (as H2O2): 0.005 %* Acetal (G.C.): 0.05% Acetaldehyde (G.C.): 0.005% Water (H2O): 0.05 % Metals by ICP [in mg/Kg (ppm)] Ag: 0.05 Al: 0.5 As: 0.05 Au: 0.05 B: 0.02 Ba: 0.1 Be: 0.02 Bi: 0.05 Ca: 0.5 Cd: 0.05

Co: 0.02
Cr: 0.02
Cu: 0.02
Fe: 0.1
Ga: 0.02
Ge: 0.05
Hg: 0.05
In: 0.05
K: 0.1
Li: 0.05
Mg: 0.1
Mn: 0.02
Mo: 0.02
Na: 0.5
Ni: 0.02
P: 0.2
Pb: 0.1
Pt: 0.02
S: 0.2
Sb: 0.02
Si: 0.2
Sn: 0.1
Sr: 0.2
Ti: 0.02
Tl: 0.02
V: 0.02
Zn: 0.1
Zr: 0.02
* At the moment of the batch analysis.

HAZARD PICTOGRAMS	
UN:	1165
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II

WGK:	2
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07 GHS08
H PHRASES:	H225 H319 H335 H351 EUH019 EUH066
P PHRASES:	P201 P202 P210 P233 P240 P241 P242 P243 P261 P264 P271 P280 P281 P303+P361+P353 P304+P340 P305+P351+P338 P308+P313 P312 P337+P313 P370+P378 P403+P233 P403+P235 P405 P501

MASTER NAME:	1,4-Dioxan stabilized with BHT

SYNONYMS LONG TEXT:	Diethylene Dioxide
EINECS:	204-661-8
CS:	2932 99 00 90
INDEX NR.:	603-024-00-5

2-Propanol (Reag. USP, Ph. Eur.) for analysis, ACS, ISO

Dimethylcarbinol, IPA, Isopropanol, iso-Propyl Alcohol, sec-Propyl Alcohol

Minimum assay (G.C.): 99.8%

CODE	**131090**
CAS	**67-63-0**
MOLECULAR FORMULA	**$CH_3CHOHCH_3$**
MOLAR MASS	**60.10 g/mol**

Packs sizes (7)

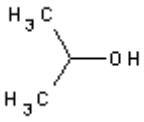
	CODE	PACKAGING SIZE
	CODE 131090.1211	PACKAGING SIZE 1000 ml
	CODE 131090.1611	PACKAGING SIZE 1000 ml
	CODE 131090.1212	PACKAGING SIZE 2.5 l
	CODE 131090.1612	PACKAGING SIZE 2.5 l
	CODE 131090.1214	PACKAGING SIZE 5 l

CODE
131090.0515

PACKAGING SIZE
10 l

CODE
131090.0716

PACKAGING SIZE
25 l



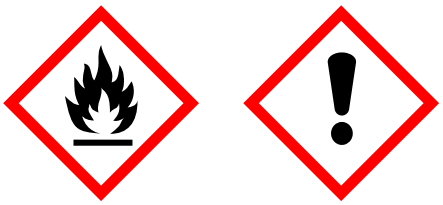
Technical data

MELTING POINT:	-88.5 °C
BOILING POINT:	82.5 °C
DENSITY:	0.785 kg/l
REFRACTIVE INDEX:	20/D 1.3772
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	131090
PRODUCT NAME:	2-Propanol (Reag. USP, Ph. Eur.) for analysis, ACS, ISO
QUALITY NAME:	for analysis, ACS, ISO
SPECIFICATIONS:	Minimum assay (G.C.): 99.8% Identity: IR passes test Density 20/4: 0.784-0.786 Range of Boiling: 81-83°C Maximum limit of impurities APHA colour: 10

Acidity: 0.0001 meq/g
Alkalinity: 0.0001 meq/g
Insoluble matter in H2O: passes test
Non-volatile matter: 0.001 %
Reducing substance to KMnO4 (as O): 0.0005 %
Darkened substances by H2SO4: passes test
Carbonyl compounds (as Acetone): 0.002%
Carbonyl compounds (as Propionaldehyde): 0.002%
Acetone (G.C.): 0.002%
1-Propanol (G.C.): 0.05%
Ethanol (G.C.): 0.01%
Methanol (G.C.): 0.05%
Water (H2O): 0.1 %

Metals by ICP [in mg/Kg (ppm)]
Ag: 0.05
Al: 0.5
As: 0.05
Au: 0.05
B: 0.02
Ba: 0.1
Be: 0.02
Bi: 0.05
Ca: 0.2
Cd: 0.05
Co: 0.02
Cr: 0.02
Cu: 0.02
Fe: 0.1
Ga: 0.02
Ge: 0.05
Hg: 0.05
In: 0.05
K: 0.1
Li: 0.05
Mg: 0.1
Mn: 0.02
Mo: 0.02
Na: 0.1
Ni: 0.02
P: 0.2
Pb: 0.02
Pt: 0.02

	S: 0.2 Sb: 0.02 Si: 0.2 Sn: 0.1 Sr: 0.2 Ti: 0.02 Tl: 0.02 V: 0.02 Zn: 0.1 Zr: 0.02
HAZARD PICTOGRAMS	
UN:	1219
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1
STORAGE:	Storage away from direct light.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H319 H336
P PHRASES:	P243 P261 P271 P303+P361+P353 P304+P340 P305+P351+P338

MASTER NAME:	2-Propanol
SYNONYMS LONG TEXT:	Dimethylcarbinol, IPA, Isopropanol, iso-Propyl Alcohol, sec-Propyl Alcohol
EINECS:	200-661-7
CS:	2905 12 00 00
INDEX NR.:	603-117-00-0

2-Propanol (Ph. Eur, BP, USP-NF) IPEC grade

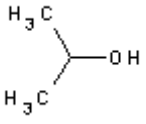
Dimethylcarbinol, IPA, Isopropanol, iso-Propyl Alcohol, sec-Propyl Alcohol

Minimum assay (G.C.): 99.0 %

CODE	**631090**
CAS	**67-63-0**
MOLECULAR FORMULA	**$CH_3CHOHCH_3$**
MOLAR MASS	**60.10 g/mol**

Packs sizes (1)

CODE	PACKAGING SIZE
CODE 631090.0716	PACKAGING SIZE 25 l

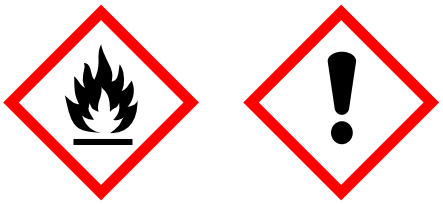


ⓘ Technical data

MELTING POINT:	-88.5 °C
BOILING POINT:	82.5 °C
DENSITY:	0.785 kg/l

REFRACTIVE INDEX:	20/D 1.3772
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	631090
PRODUCT NAME:	2-Propanol (Ph. Eur, BP, USP-NF) IPEC grade
QUALITY NAME:	IPEC grade
SPECIFICATIONS:	Minimum assay (G.C.): 99.0 % Identity according to Pharmacopoeias: USP: IR passes test C (Ph. Eur): passes test Methanol ≤0,02 %: passes test Density 20/20: 0.785 - 0.789 Refractive Index n 20/D: 1.376 - 1.378 Specific gravity: 0.783 - 0.787 Maximum limit of impurities ABS λ 230 nm: 0.30 UA ABS λ 250 nm: 0.10 UA ABS λ 270 nm: 0.03 UA ABS λ 290 nm: 0.02 UA ABS λ 310 nm: 0.01 UA Appearance: passes test Acidity USP (< 0.70 ml NaOH 0.02N): passes test Acidity or alkalinity Ph. Eur (< 0.6 ml NaOH 0.01N): passes test Non-volatile matter: 0.0020 % Peroxides: passes test Residual solvents (Ph.Eur/USP): passes test Benzene and related substances (CG): Benzene: 0.0002 % Total other impurities different to 2-Butanol: 0.3 % Volatile impurities (G.C.): Individual unspecified impurity: 0.1 % Total impurities: 1.0 % Methanol: 0.02 % Dietyl Ether: 0.1 % Acetone: 0.1 % di-Isopropyl Ether: 0.1 % 1-Propanol: 0.1 % 2-Butanol: 0.1 %

	Water (H2O): 0.5 %
HAZARD PICTOGRAMS	
UN:	1219
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1
STORAGE:	Storage away from direct light.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H319 H336
P PHRASES:	P243 P261 P271 P303+P361+P353 P304+P340 P305+P351+P338
MASTER NAME:	2-Propanol
SYNONYMS LONG TEXT:	Dimethylcarbinol, IPA, Isopropanol, iso-Propyl Alcohol, sec-Propyl Alcohol
EINECS:	200-661-7

CS:	2905 12 00 00
INDEX NR.:	603-117-00-0

2-Phenoxyethanol, 99% for synthesis

Ethyleneglycol mono-Phenyl Ether, mono-Phenylglycol

Minimum assay (G.C.): 99%

CODE	**15A631**
CAS	**122-99-6**
MOLECULAR FORMULA	**$C_8H_{10}O_2$**
MOLAR MASS	**138.17 g/mol**

Packs sizes (1)

	CODE	PACKAGING SIZE	
	CODE 15A631.1214	PACKAGING SIZE 5 l	Product active until stock lasts.

Technical data

MELTING POINT:	11 - 13 °C
BOILING POINT:	245 °C
DENSITY:	1.110 kg/l
SOLUBILITY:	water 24 g/l at 20 °C
REFRACTIVE INDEX:	20/D 1.537
PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	15A631
PRODUCT NAME:	2-Phenoxyethanol, 99% for synthesis

QUALITY NAME:	for synthesis
SPECIFICATIONS:	Minimum assay (G.C.): 99% Identity: IR passes test Density 20/4: 1.109-1.111 Water (H2O): 0.1 %
HAZARD PICTOGRAMS	
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Warning
GHS SYMBOLS:	GHS07
H PHRASES:	H302 H319
P PHRASES:	P264 P270 P280 P301+P312 P305+P351+P338 P501 P330 P337+P313
MASTER NAME:	2-Phenoxyethanol
SYNONYMS LONG TEXT:	Ethyleneglycol mono-Phenyl Ether, mono-Phenylglycol
EINECS:	204-589-7
CS:	2909 49 80 00
INDEX NR.:	603-098-00-9

2-Methylfuran, 99% stabilized with ~ 0,01% of BHT for synthesis

Silvan

Assay: 99%

CODE	**15C074**
CAS	**534-22-5**
MOLECULAR FORMULA	**C_5H_6O**
MOLAR MASS	**82.10 g/mol**

Packs sizes (1)

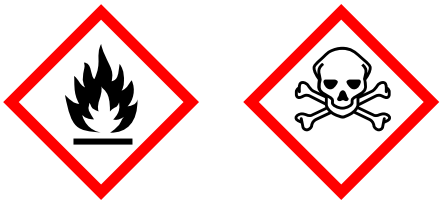
	CODE	PACKAGING SIZE
	CODE 15C074.0619	PACKAGING SIZE 197 l

Technical data

MELTING POINT:	-89 °C
BOILING POINT:	63 - 66 °C
DENSITY:	0.913 kg/l
SOLUBILITY:	water 3 g/l at 20 °C
REFRACTIVE INDEX:	20/D 1.4320-1.4340
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	15C074
PRODUCT NAME:	2-Methylfuran, 99% stabilized with ~ 0,01% of BHT for synthesis
QUALITY NAME:	for synthesis
SPECIFICATIONS:	Assay: 99% Identity: IR passes test Density 20/4: 0.913-0.916 **Maximum limit of impurities** Peroxides (as O2): 0.2 mol/Kg Furfural: 0.5 % Water (H2O): 0.1 %

HAZARD PICTOGRAMS



UN:	2301
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS06
H PHRASES:	H225 H301
P PHRASES:	P210

	P233 P241 P242 P501 P243 P261 P264 P270 P271 P280 P301+P310 P302+P352 P303+P361+P353 P304+P340 P311 P312 P321 P322 P330 P361 P363 P370+P378 P403+P233 P403+P235 P405 P240
MASTER NAME:	2-Methylfuran
SYNONYMS LONG TEXT:	Silvan
EINECS:	208-594-5
CS:	2932 19 00 50

2-Methyl-2-Propanol (Reag. USP, Ph. Eur.) for analysis, ACS

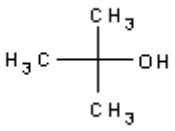
tert-Butanol, tert-Butyl Alcohol, Trimethylcarbinol

Minimum assay (G.C.): 99.5%

CODE	**131903**
CAS	**75-65-0**
MOLECULAR FORMULA	**$(CH_3)_3COH$**
MOLAR MASS	**74.12 g/mol**

Packs sizes (2)

	CODE	PACKAGING SIZE
	CODE 131903.1611	PACKAGING SIZE 1000 ml
	CODE 131903.1214	PACKAGING SIZE 5 l

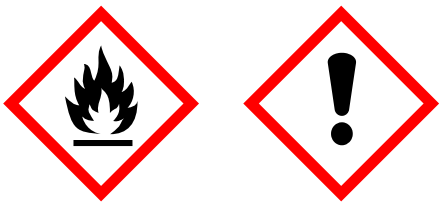


Technical data

MELTING POINT:	25.6 °C

BOILING POINT:	82.4 °C
DENSITY:	0.78 kg/l
REFRACTIVE INDEX:	20/D 1.3846
PHYSICAL DESCRIPTION:	solid

PRODUCT CODE:	131903
PRODUCT NAME:	2-Methyl-2-Propanol (Reag. USP, Ph. Eur.) for analysis, ACS
QUALITY NAME:	for analysis, ACS
SPECIFICATIONS:	Minimum assay (G.C.): 99.5% Identity: IR passes test Range of Distillation (>95% dist.): 81-83°C Freezing point: >25°C Maximum limit of impurities APHA colour: 20 Acidity: 0.001 meq/g Alkalinity: 0.0005 meq/g Insoluble matter in H2O: passes test Non-volatile matter: 0.003 % Carbonyl compounds (as HCHO): 0.01% 1-Butanol (G.C.): 0.05% 2-Butanol (G.C.): 0.2% Isobutanol (G.C.): 0.05% Water (H2O): 0.1 % Metals by ICP [in mg/Kg (ppm)] Ag: 0.05 Al: 0.5 As: 0.05 Au: 0.1 B: 0.02 Ba: 0.1 Be: 0.02 Bi: 0.05 Ca: 0.5 Cd: 0.05 Co: 0.02

	Cr: 0.02 Cu: 0.02 Fe: 0.1 Ge: 0.05 Hg: 0.05 In: 0.05 K: 0.1 Li: 0.05 Mg: 0.1 Mn: 0.02 Mo: 0.02 Na: 0.5 Ni: 0.02 P: 0.2 Pb: 0.1 Pt: 0.1 Sb: 0.02 Si: 0.2 Sn: 0.1 Sr: 0.2 Ti: 0.02 Tl: 0.05 V: 0.02 Zn: 0.1 Zr: 0.02
HAZARD PICTOGRAMS	
UN:	1120
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1
STORAGE:	Room Temperature.

SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H332 H319 H335
P PHRASES:	P210 P233 P240 P241 P242 P501 P243 P261 P264 P271 P280 P303+P361+P353 P304+P340 P305+P351+P338 P312 P337+P313 P370+P378 P403+P233 P403+P235 P405

MASTER NAME:	2-Methyl-2-Propanol
SYNONYMS LONG TEXT:	tert-Butanol, tert-Butyl Alcohol, Trimethylcarbinol
EINECS:	200-889-7
CS:	2905 14 10 00
INDEX NR.:	603-005-00-1

2-Propanol for molecular biology

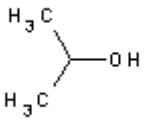
Assay (GC): min. 99.8 %

CODE	**A3928**
CAS	**67-63-0**
MOLECULAR FORMULA	**$CH_3CHOHCH_3$**
MOLAR MASS	**60.10 g/mol**

Packs sizes (4)

	CODE	PACKAGING SIZE
	A3928,0500PE	500 ml
	A3928,1000GL	1 L
	A3928,2500GL	2.5 L
	A3928,2500PE	2.5 L

Product active until stock lasts.

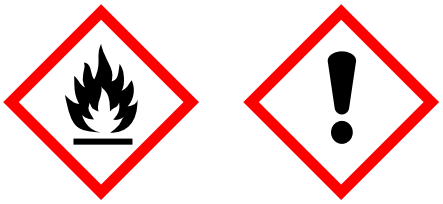


Technical data

REFRACTIVE INDEX:	n20/D 1.377 (abs.)
PHYSICAL DESCRIPTION:	Liquid

PRODUCT CODE:	A3928
PRODUCT NAME:	2-Propanol for molecular biology
SPECIFICATIONS:	DNases/RNases/Proteases: not detectable Assay (GC): min. 99.8 % Acidity/Alkalinity: max. 0.0005 meq/g Non-volatile matter: max. 0.0005 % Total P: max. 0.00005 % Total S: max. 0.00005 % Ethanol: max. 0.01 % Methanol: max. 0.1 % n-Propanol: max. 0.05 % Water (K.F.): max. 0.1 % Ca: max. 0.00002 % Cu: max. 0.000002 % Fe: max. 0.00001 % Mg: max. 0.00001 % Pb: max. 0.000002 % Zn: max. 0.00001 %

HAZARD PICTOGRAMS



UN:	1219
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II

WGK:	1
STORAGE:	RT
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H319 H336
P PHRASES:	P210 P280 P303+P361+P353 P305+P351+P338 P405 P501

EINECS:	200-661-7
CS:	29051200
INDEX NR.:	603-117-00-0

2-Propanol for HPLC

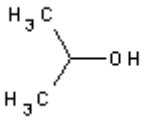
Dimethylcarbinol, IPA, Isopropanol, iso-Propyl Alcohol, sec-Propyl Alcohol

Minimum assay (G.C.): 99.9%

CODE	**361090**
CAS	**67-63-0**
MOLECULAR FORMULA	**$CH_3CHOHCH_3$**
MOLAR MASS	**60.10 g/mol**

Packs sizes (3)

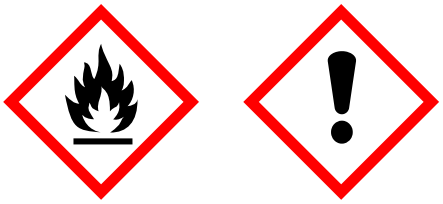
	CODE	PACKAGING SIZE	
	CODE 361090.1611	PACKAGING SIZE 1000 ml	
	CODE 361090.1612	PACKAGING SIZE 2.5 l	
	CODE 361090.16153	PACKAGING SIZE 4 l	Product discontinued. Alternative 361090.1612 (please check specifications).



Technical data

MELTING POINT:	-88.5 °C
BOILING POINT:	82.5 °C
DENSITY:	0.785 kg/l
REFRACTIVE INDEX:	20/D 1.3772
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	361090
PRODUCT NAME:	2-Propanol for HPLC
QUALITY NAME:	for HPLC
SPECIFICATIONS:	Minimum assay (G.C.): 99.9% Density 20/4: 0.784-0.786 Maximum limit of impurities APHA colour: 10 Acidity: 0.0001 meq/g Alkalinity: 0.0001 meq/g Non-volatile matter: 0.0003 % Water (H2O): 0.05 % UV Spectrum (1cm cell; Ref.: water): Transmittance at 207 (Cut off) nm: ≥10% Transmittance at 217 nm: ≥50% Transmittance at 232 nm: ≥80% Transmittance at 242 nm: ≥90% Transmittance at 250 nm: ≥95% Transmittance at 260-400 nm: ≥98% Data of interest in HPLC: Rohrschneider Polarity: 3.9 Eluotropic value e° (Al2O3): 0.82 Sol. H2O in solv. at 20°C: miscible For critical jobs, purge with nitrogen. Microfiltered product (0.2 µm) and bottled under nitrogen atmosphere.

HAZARD PICTOGRAMS	
UN:	1219
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1
STORAGE:	Storage away from direct light.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H319 H336
P PHRASES:	P243 P261 P271 P303+P361+P353 P304+P340 P305+P351+P338

MASTER NAME:	2-Propanol
SYNONYMS LONG TEXT:	Dimethylcarbinol, IPA, Isopropanol, iso-Propyl Alcohol, sec-Propyl Alcohol
EINECS:	200-661-7
CS:	2905 12 00 00
INDEX NR.:	603-117-00-0

2-Propanol for HPLC gradient / UHPLC supergradient grade

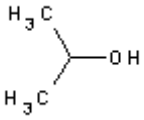
Dimethylcarbinol, IPA, Isopropanol, iso-Propyl Alcohol, sec-Propyl Alcohol

Minimum assay (G.C.): 99.9%

CODE	**221090**
CAS	**67-63-0**
MOLECULAR FORMULA	**$CH_3CHOHCH_3$**
MOLAR MASS	**60.10 g/mol**

Packs sizes (2)

	CODE	PACKAGING SIZE	
	CODE 221090.1611	PACKAGING SIZE 1000 ml	Product discontinued. Alternative 221090.1612 (please check specifications).
	CODE 221090.1612	PACKAGING SIZE 2.5 l	

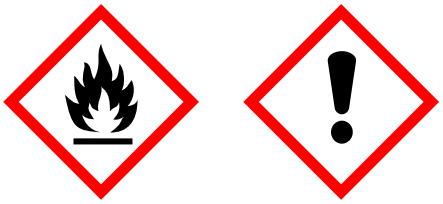


Technical data

MELTING POINT:	-88.5 °C

BOILING POINT:	82.5 °C
DENSITY:	0.785 kg/l
REFRACTIVE INDEX:	20/D 1.3772
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	221090
PRODUCT NAME:	2-Propanol for HPLC gradient / UHPLC supergradient grade
QUALITY NAME:	for HPLC gradient / UHPLC supergradient grade
SPECIFICATIONS:	Minimum assay (G.C.): 99.9% Density 20/4: 0.784-0.786 Maximum limit of impurities APHA colour: 10 Acidity: 0.0001 meq/g Alkalinity: 0.0001 meq/g Non-volatile matter: 0.0002 % Water (H2O): 0.05 % Suitability for IR spectrometry:: passes test Gradient at 235 nm: 1 mUA Gradient at 254 nm: 1 mUA UV Spectrum (1cm cell; Ref.: water): Transmittance at 207 (Cut off) nm: ≥10% Transmittance at 220 nm: ≥80% Transmittance at 230 nm: ≥90% Transmittance at 250-400 nm: ≥99% Data of interest in HPLC: Rohrschneider Polarity: 3.9 Eluotropic value e° (Al2O3): 0.82 Sol. H2O in solv. at 20°C: miscible For critical jobs, purge with nitrogen. Microfiltered product (0.2 µm) and bottled under nitrogen atmosphere. * Read after purging with nitrogen.

HAZARD PICTOGRAMS	
UN:	1219
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1
STORAGE:	Storage away from direct light.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H319 H336
P PHRASES:	P243 P261 P271 P303+P361+P353 P304+P340 P305+P351+P338

MASTER NAME:	2-Propanol
SYNONYMS LONG TEXT:	Dimethylcarbinol, IPA, Isopropanol, iso-Propyl Alcohol, sec-Propyl Alcohol
EINECS:	200-661-7
CS:	2905 12 00 00
INDEX NR.:	603-117-00-0

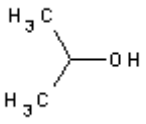
2-Propanol *BioChemica*

Assay (GC): min. 99.7 %

CODE	**A3465**
CAS	**67-63-0**
MOLECULAR FORMULA	**$CH_3CHOHCH_3$**
MOLAR MASS	**60.10 g/mol**

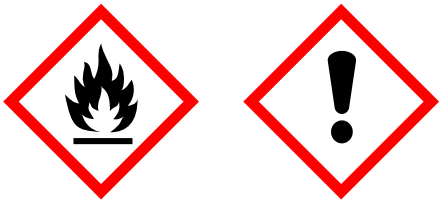
Packs sizes (2)

	CODE	PACKAGING SIZE	
	CODE A3465,2500	PACKAGING SIZE 2.5 L	Product active until stock lasts.
	CODE A3465,5000	PACKAGING SIZE 5 L	Product active until stock lasts.



Technical data

REFRACTIVE INDEX:	n20/D 1.377 (abs.)
PHYSICAL DESCRIPTION:	Liquid

PRODUCT CODE:	A3465
PRODUCT NAME:	2-Propanol *BioChemica*
SPECIFICATIONS:	Assay (GC): min. 99.7 % Acidity/Alkalinity: max. 0.0005 meq/g Non-volatile matter: max. 0.001 % Total P: max. 0.00005 % Total S: max. 0.00005 % Heavy metals (as Pb): max. 0.0005 % Total Si: max. 0.000005 % Insoluble matter: passes test Carbonyl compounds (as Acetone): max. 0.002 % Carbonyl compounds (as Propionaldehyde): max. 0.002 % Ethanol: max. 0.01 % Methanol: max. 0.1 % n-Propanol: max. 0.05 % Water (K.F.): max. 0.1 %
HAZARD PICTOGRAMS	
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CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1
STORAGE:	RT
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07

H PHRASES:	H225 H319 H336
P PHRASES:	P210 P280 P303+P361+P353 P305+P351+P338 P405 P501

EINECS:	200-661-7
CS:	29051200
INDEX NR.:	603-117-00-0

2-Propanol 70% v/v pure

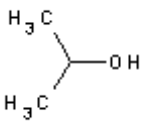
Dimethylcarbinol, IPA, Isopropanol, iso-Propanol, Isopropyl Alcohol, iso-Propyl Alcohol, sec-Propyl Alcohol

Assay (G.C.) (v/v): 68 - 72 %

CODE	**145618**
CAS	**67-63-0**
MOLECULAR FORMULA	**$CH_3CHOHCH_3$**
MOLAR MASS	**60.10 g/mol**

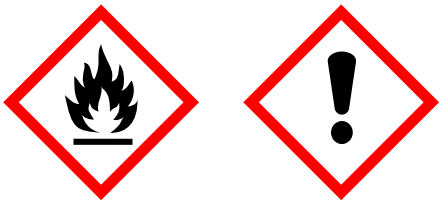
Packs sizes (2)

	CODE	PACKAGING SIZE
	CODE 145618.1211	PACKAGING SIZE 1000 ml
	CODE 145618.1214	PACKAGING SIZE 5 l



Technical data

DENSITY:	0.870 kg/l

PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	145618
PRODUCT NAME:	2-Propanol 70% v/v pure
QUALITY NAME:	pure
SPECIFICATIONS:	Assay (G.C.) (v/v): 68 - 72 % Non-volatile matter: 0.002 % Methanol (G.C.): 0.1 % Fe: 0.0001 % Pb: 0.0005 %
HAZARD PICTOGRAMS	
UN:	1219
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H319 H336
P PHRASES:	P210 P233 P240

	P241 P242 P501 P243 P261 P264 P271 P280 P303+P361+P353 P304+P340 P305+P351+P338 P312 P337+P313 P370+P378 P403+P233 P403+P235 P405
MASTER NAME:	2-Propanol 70% v/v
SYNONYMS LONG TEXT:	Dimethylcarbinol, IPA, Isopropanol, iso-Propanol, Isopropyl Alcohol, iso-Propyl Alcohol, sec-Propyl Alcohol
EINECS:	200-661-7
CS:	2905 12 00 00
INDEX NR.:	603-003-00-0

4-Methyl-2-Pentanone (Reag. USP, Ph. Eur.) for analysis, ACS

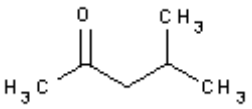
Isobutylmethylketone, iso-Butylmethylketone, Isopropylacetone, iso-Propylacetone, Methyl Isobutylketone, Methyl iso-Butylketone, MIB

Minimum assay (G.C.): 99.0%

CODE	**131430**
CAS	**108-10-1**
MOLECULAR FORMULA	**$C_6H_{12}O$**
MOLAR MASS	**100.16 g/mol**

Packs sizes (2)

	CODE	PACKAGING SIZE
	CODE 131430.1611	PACKAGING SIZE 1000 ml
	CODE 131430.0716	PACKAGING SIZE 25 l



ⓘ Technical data

MELTING POINT:	-80 °C
BOILING POINT:	118 °C
DENSITY:	0.799 kg/l
SOLUBILITY:	water 19 g/l at 20 °C
REFRACTIVE INDEX:	20/D 1.3959
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	131430
PRODUCT NAME:	4-Methyl-2-Pentanone (Reag. USP, Ph. Eur.) for analysis, ACS
QUALITY NAME:	for analysis, ACS
SPECIFICATIONS:	Minimum assay (G.C.): 99.0% Identity: IR passes test Density 20/4: 0.798-0.802 Range of Distillation: <4.0°C Maximum limit of impurities APHA colour: 15 Acidity: 0.002 meq/g Non-volatile matter: 0.001 % Water (H2O): 0.1 % Metals by ICP [in mg/Kg (ppm)] Ag: 0.05 Al: 0.5 As: 0.05 Au: 0.05 B: 0.02 Ba: 0.1 Be: 0.02 Bi: 0.05 Ca: 0.5 Cd: 0.05 Co: 0.02 Cr: 0.02

	Cu: 0.02 Fe: 0.1 Ga: 0.02 Ge: 0.05 Hg: 0.05 In: 0.05 K: 0.1 Li: 0.05 Mg: 0.1 Mn: 0.02 Mo: 0.02 Na: 0.5 Ni: 0.02 P: 0.2 Pb: 0.1 Pt: 0.02 S: 0.2 Sb: 0.02 Si: 0.2 Sn: 0.1 Sr: 0.2 Ti: 0.02 Tl: 0.02 V: 0.02 Zn: 0.1 Zr: 0.02
HAZARD PICTOGRAMS	
UN:	1245
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1

STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07 GHS08
H PHRASES:	H225 H332 H319 H336 H351 EUH066
P PHRASES:	P210 P304+P340 P305+P351+P338

MASTER NAME:	4-Methyl-2-Pentanone
SYNONYMS LONG TEXT:	Isobutylmethylketone, iso-Butylmethylketone, Isopropylacetone, iso-Propylacetone, Methyl Isobutylketone, Methyl iso-Butylketone, MIB
EINECS:	203-550-1
CS:	2914 13 00 00
INDEX NR.:	606-004-00-4

4-Methyl-2-Pentanone, 99% for synthesis

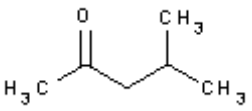
Isobutylmethylketone, iso-Butylmethylketone, Isopropylacetone, iso-Propylacetone, Methyl Isobutylketone, Methyl iso-Butylketone, MIB

Minimum assay (G.C.): 99%

CODE	**161430**
CAS	**108-10-1**
MOLECULAR FORMULA	**$C_6H_{12}O$**
MOLAR MASS	**100.16 g/mol**

Packs sizes (1)

	CODE	PACKAGING SIZE	
	CODE 161430.1211	PACKAGING SIZE 1000 ml	Product discontinued. Alternative 131430.1611 (please check specifications).



ⓘ Technical data

MELTING POINT:	-80 °C
BOILING POINT:	118 °C
DENSITY:	0.799 kg/l

SOLUBILITY:	water 19 g/l at 20 °C
REFRACTIVE INDEX:	20/D 1.3959
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	161430
PRODUCT NAME:	4-Methyl-2-Pentanone, 99% for synthesis
QUALITY NAME:	for synthesis
SPECIFICATIONS:	Minimum assay (G.C.): 99% Identity: IR passes test Density 20/4: 0.798-0.802 Non-volatile matter: 0.005 % Water (H2O): 0.1 %

HAZARD PICTOGRAMS	
UN:	1245
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07 GHS08

H PHRASES:	H225 H332 H319 H336 H351 EUH066
P PHRASES:	P210 P304+P340 P305+P351+P338

MASTER NAME:	4-Methyl-2-Pentanone
SYNONYMS LONG TEXT:	Isobutylmethylketone, iso-Butylmethylketone, Isopropylacetone, iso-Propylacetone, Methyl Isobutylketone, Methyl iso-Butylketone, MIB
EINECS:	203-550-1
CS:	2914 13 00 00
INDEX NR.:	606-004-00-4

2-Propanol 99,7 % for synthesis

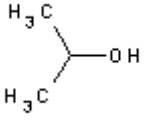
Dimethylcarbinol, IPA, Isopropanol, iso-Propyl Alcohol, sec-Propyl Alcohol

Assay (G.C.): 99.7%

CODE	**211090**
CAS	**67-63-0**
MOLECULAR FORMULA	**$CH_3CHOHCH_3$**
MOLAR MASS	**60.10 g/mol**

Packs sizes (3)

	CODE	PACKAGING SIZE
	CODE 211090.1211	PACKAGING SIZE 1000 ml
	CODE 211090.1214	PACKAGING SIZE 5 l
	CODE 211090.0715	PACKAGING SIZE 10 l

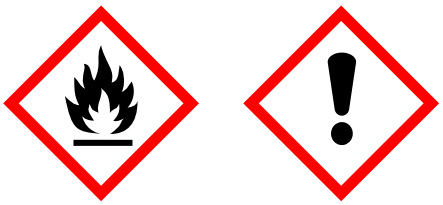


Technical data

MELTING POINT:	-88.5 °C
BOILING POINT:	82.5 °C
DENSITY:	0.785 kg/l
REFRACTIVE INDEX:	20/D 1.3772
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	211090
PRODUCT NAME:	2-Propanol 99,7 % for synthesis
QUALITY NAME:	for synthesis
SPECIFICATIONS:	Assay (G.C.): 99.7% Identity: IR passes test Density 20/4: 0.784-0.786 Acidity: 0.0015 meq/g Alkalinity: 0.006 meq/g Non-volatile matter: 0.002 % Methanol (G.C.): 0.25 % Water (H2O): 0.2 %

HAZARD PICTOGRAMS



UN:	1219
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1

STORAGE:	Storage away from direct light.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H319 H336
P PHRASES:	P243 P261 P271 P303+P361+P353 P304+P340 P305+P351+P338

MASTER NAME:	2-Propanol
SYNONYMS LONG TEXT:	Dimethylcarbinol, IPA, Isopropanol, iso-Propyl Alcohol, sec-Propyl Alcohol
EINECS:	200-661-7
CS:	2905 12 00 00
INDEX NR.:	603-117-00-0

2-Propanol, 99.7% for synthesis

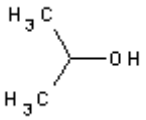
Dimethylcarbinol, IPA, Isopropanol, iso-Propyl Alcohol, sec-Propyl Alcohol

Minimum assay (G.C.): 99.7%

CODE	**161090**
CAS	**67-63-0**
MOLECULAR FORMULA	**$CH_3CHOHCH_3$**
MOLAR MASS	**60.10 g/mol**

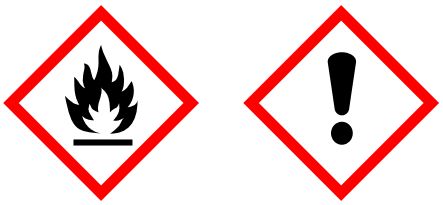
Packs sizes (1)

	CODE	PACKAGING SIZE	
	CODE 161090.0716	PACKAGING SIZE 25 l	Product discontinued. Alternative 211090.0715 (please check specifications).



Technical data

MELTING POINT:	-88.5 °C
BOILING POINT:	82.5 °C
DENSITY:	0.785 kg/l
REFRACTIVE INDEX:	20/D 1.3772

PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	161090
PRODUCT NAME:	2-Propanol, 99.7% for synthesis
QUALITY NAME:	for synthesis
SPECIFICATIONS:	Minimum assay (G.C.): 99.7% Identity: IR passes test Density 20/4: 0.784-0.786 Non-volatile matter: 0.002 % Methanol (G.C.): 0.25 % Water (H2O): 0.2 %
HAZARD PICTOGRAMS	
UN:	1219
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1
STORAGE:	Storage away from direct light.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H319 H336

P PHRASES:	P243 P261 P271 P303+P361+P353 P304+P340 P305+P351+P338
MASTER NAME:	2-Propanol
SYNONYMS LONG TEXT:	Dimethylcarbinol, IPA, Isopropanol, iso-Propyl Alcohol, sec-Propyl Alcohol
EINECS:	200-661-7
CS:	2905 12 00 00
INDEX NR.:	603-117-00-0

2,3-Dimercapto-1-Propanol solution 20 % in ethanol

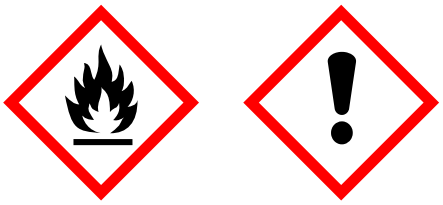
CODE

A3195

Packs sizes (1)

	CODE	PACKAGING SIZE
	CODE A3195,0050	PACKAGING SIZE 50 ml

Technical data

PHYSICAL DESCRIPTION:	Liquid
PRODUCT CODE:	A3195
PRODUCT NAME:	2,3-Dimercapto-1-Propanol solution 20 % in ethanol
SPECIFICATIONS:	**Composition:** 2,3-Dimercapto-1-Propanol: 200 ml/L
HAZARD PICTOGRAMS	
UN:	1993
CLASS/PG:	3/II

ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	3
STORAGE:	RT
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H302 H315 H317 H319 H335
P PHRASES:	P210 P280 P303+P361+P353 P305+P351+P338 P405 P501

CS:	38221900

Acetone (USP, BP, Ph. Eur.) pure, pharma grade

2-Propanone, ß-Ketopropane, Dimethylketone, Pyroacetic Ether

Minimum assay (G.C.): 99.5%

CODE	**141007**
CAS	**67-64-1**
MOLECULAR FORMULA	**CH_3COCH_3**
MOLAR MASS	**58.08 g/mol**

Packs sizes (8)

	CODE	PACKAGING SIZE
	141007.1211	1000 ml
	141007.1611	1000 ml
	141007.1212	2.5 l
	141007.1612	2.5 l
	141007.1214	5 l

Product active until stock lasts.

CODE
141007.0716

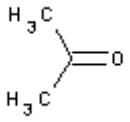
PACKAGING SIZE
25 l

CODE
141007.36177

PACKAGING SIZE
190 l

CODE
141007.9774

PACKAGING SIZE
1000 l

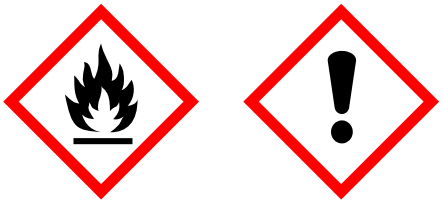


Technical data

MELTING POINT:	-94 °C
BOILING POINT:	56.5 °C
DENSITY:	0.789 kg/l
SOLUBILITY:	water
REFRACTIVE INDEX:	20/D 1.3591
PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	141007
PRODUCT NAME:	Acetone (USP, BP, Ph. Eur.) pure, pharma grade
QUALITY NAME:	pure, pharma grade
SPECIFICATIONS:	Minimum assay (G.C.): 99.5%

Identity according to Pharmacopoeias:: passes test
Density 25/25: ≤ 0.789
Density 20/20: 0.790-0.793

Maximum limit of impurities
Appearance of solution: passes test
Acidity: passes test
Alkalinity: passes test
Insoluble matter in H2O: passes test
Non-volatile matter: 0.004 %
Reducing substance to KMnO4: passes test
Related substances (G.C.)
Residual solvents (Ph.Eur/USP): passes test
Methanol: 0.05 %
2-Propanol: 0.05 %
Benzene: 0.0002 %
Other impurities: 0.05 %
Ethanol (G.C.): 500 ppm
Water (H2O): 0.3 %

HAZARD PICTOGRAMS	
UN:	1090
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1
STORAGE:	Storage away from direct light.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07

H PHRASES:	H225 H319 EUH066 H336
P PHRASES:	P210 P233 P241 P235 P501 P303+P361+P353 P304+P340

MASTER NAME:	Acetone
SYNONYMS LONG TEXT:	2-Propanone, ß-Ketopropane, Dimethylketone, Pyroacetic Ether
EINECS:	200-662-2
CS:	2914 11 00 00
INDEX NR.:	606-001-00-8

Acetic Acid : Chloroform 3 : 2 - Mixture v/v pure

CODE

145365

Packs sizes (1)

	CODE	PACKAGING SIZE
	CODE 145365.1212	PACKAGING SIZE 2.5 L

Technical data

PHYSICAL DESCRIPTION:	Liquid
PRODUCT CODE:	145365
PRODUCT NAME:	Acetic Acid : Chloroform 3 : 2 - Mixture v/v pure
SPECIFICATIONS:	**Composition:** Chloroform: 2 parts (v/v) Acetic acid: 3 parts (v/v)
HAZARD PICTOGRAMS	
UN:	3265
CLASS/PG:	8/II

ADR:	8/II
IMDG:	8/II
IATA:	8/II
WGK:	3
STORAGE:	RT
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS05 GHS07 GHS08
H PHRASES:	H302+H332 H314 H351 H361d H372
P PHRASES:	P280 P303+P361+P353 P305+P351+P338 P310 P321 P405 P501

CS:	38221900

Acetone (Reag. USP, Ph. Eur.) for analysis, ACS, ISO

2-Propanone, ß-Ketopropane, Dimethylketone, Pyroacetic Ether

Minimum assay (G.C.): 99.5%

CODE	**131007**
CAS	**67-64-1**
MOLECULAR FORMULA	**CH_3COCH_3**
MOLAR MASS	**58.08 g/mol**

Packs sizes (8)

	CODE	PACKAGING SIZE
	CODE 131007.1211	PACKAGING SIZE 1000 ml
	CODE 131007.1611	PACKAGING SIZE 1000 ml
	CODE 131007.1212	PACKAGING SIZE 2.5 l
	CODE 131007.1612	PACKAGING SIZE 2.5 l
	CODE 131007.1214	PACKAGING SIZE 5 l

CODE
131007.0515

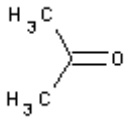
PACKAGING SIZE
10 l

CODE
131007.0716

PACKAGING SIZE
25 l

CODE
131007.0537

PACKAGING SIZE
30 l



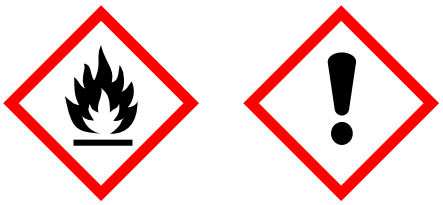
Technical data

MELTING POINT:	-94 °C
BOILING POINT:	56.5 °C
DENSITY:	0.789 kg/l
SOLUBILITY:	water
REFRACTIVE INDEX:	20/D 1.3591
PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	131007
PRODUCT NAME:	Acetone (Reag. USP, Ph. Eur.) for analysis, ACS, ISO
QUALITY NAME:	for analysis, ACS, ISO
SPECIFICATIONS:	

Minimum assay (G.C.): 99.5%
Identity: IR passes test
Density 20/20: 0.790-0.793
Range of Boiling: ≤1.5°C

Maximum limit of impurities
APHA colour: 10
Appearance of solution: passes test
Acidity: 0.0003 meq/g
Alkalinity: 0.0005 meq/g
Insoluble matter in H2O: passes test
Non-volatile matter: 0.001 %
Reducing substance to KMnO4 (as O): 0.0002 %
1-Propanol (G.C.): 0.05%
2-Propanol: 0.05%
4-Hydroxy-4-Methyl-2-Pentanone (G.C.): 0.05%
Aldehydes (as HCHO): 0.002%
Ethanol (G.C.): 0.01%
Mesityl oxide (G.C.): 0.05%
Methanol: 0.05%
Related substances (G.C.)
Benzene: 0.0002%
Other impurities: 0.05%
Water (H2O): 0.2 %

Metals by ICP [in mg/Kg (ppm)]
Ag: 0.05
Al: 0.5
As: 0.05
Au: 0.05
B: 0.02
Ba: 0.1
Be: 0.02
Bi: 0.05
Ca: 0.5
Cd: 0.05
Co: 0.02
Cr: 0.02
Cu: 0.02
Fe: 0.1
Ga: 0.02
Ge: 0.05
Hg: 0.05
In: 0.05

	K: 0.1 Li: 0.05 Mg: 0.1 Mn: 0.02 Mo: 0.02 Na: 0.2 Ni: 0.02 P: 0.2 Pb: 0.1 Pt: 0.02 S: 0.2 Sb: 0.02 Si: 0.2 Sn: 0.1 Sr: 0.2 Ti: 0.02 Tl: 0.02 V: 0.02 Zn: 0.1 Zr: 0.02
HAZARD PICTOGRAMS	
UN:	1090
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1
STORAGE:	Storage away from direct light.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07

H PHRASES:	H225 H319 EUH066 H336
P PHRASES:	P210 P233 P241 P235 P501 P303+P361+P353 P304+P340

MASTER NAME:	Acetone
SYNONYMS LONG TEXT:	2-Propanone, ß-Ketopropane, Dimethylketone, Pyroacetic Ether
EINECS:	200-662-2
CS:	2914 11 00 00
INDEX NR.:	606-001-00-8

Acetaldehyde, 99% for synthesis

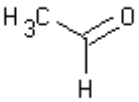
Acetic Aldehyde, Acetylaldehyde, Ethanal, Ethyl Aldehyde

Minimum assay (G.C.): 99%

CODE	**15A656**
CAS	**75-07-0**
MOLECULAR FORMULA	**C_2H_4O**
MOLAR MASS	**44.05 g/mol**

Packs sizes (1)

	CODE	PACKAGING SIZE	
	CODE 15A656.1611	PACKAGING SIZE 1000 ml	Product discontinued. Please check CAS-No. for alternative or contact our Customer Service.



Technical data

MELTING POINT:	-123.5 °C
BOILING POINT:	21 °C
DENSITY:	0.780 kg/l
REFRACTIVE INDEX:	20/D 1.3316

PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	15A656
PRODUCT NAME:	Acetaldehyde, 99% for synthesis
QUALITY NAME:	for synthesis
SPECIFICATIONS:	Minimum assay (G.C.): 99% Identity: IR passes test Density 16/4: 0.786-0.790
HAZARD PICTOGRAMS	
UN:	1089
CLASS/PG:	3/I
ADR:	3/I
IMDG:	3/I
IATA:	3/I
WGK:	1
STORAGE:	Storage between +2 and +8°C .
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07 GHS08
H PHRASES:	H224 H319 H335 H350 H302 H341

P PHRASES:	P201 P202 P210 P233 P240 P241 P242 P243 P261 P264 P271 P280 P281 P303+P361+P353 P304+P340 P305+P351+P338 P308+P313 P312 P337+P313 P370+P378 P403+P233 P403+P235 P405 P501

MASTER NAME:	Acetaldehyde
SYNONYMS LONG TEXT:	Acetic Aldehyde, Acetylaldehyde, Ethanal, Ethyl Aldehyde
EINECS:	200-836-8
CS:	2912 12 00 00
INDEX NR.:	605-003-00-6

Acetaldehyde, 99% (Flavoring) for synthesis

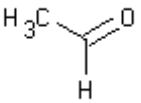
Acetic Aldehyde, Acetylaldehyde, Ethanal, Ethyl Aldehyde

Minimum assay (G.C.): 99%

CODE	**165323**
CAS	**75-07-0**
MOLECULAR FORMULA	**C_2H_4O**
MOLAR MASS	**44.05 g/mol**

Packs sizes (1)

	CODE	PACKAGING SIZE
	CODE 165323.0616	PACKAGING SIZE 25 l



Technical data

MELTING POINT:	-123.5 °C
BOILING POINT:	21 °C
DENSITY:	0.780 kg/l

REFRACTIVE INDEX:	20/D 1.3316
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	165323
PRODUCT NAME:	Acetaldehyde, 99% (Flavoring) for synthesis
QUALITY NAME:	for synthesis
HEADLINE COMMENT:	for industrial use
SPECIFICATIONS:	Minimum assay (G.C.): 99% Identity: IR passes test Density 16/4: 0.786-0.790

HAZARD PICTOGRAMS

UN:	1089
CLASS/PG:	3/I
ADR:	3/I
IMDG:	3/I
IATA:	3/I
STORAGE:	Storage between +2 and +8°C .
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07 GHS08
H PHRASES:	H224 H319 H335 H350

	H302 H341
P PHRASES:	P201 P202 P210 P233 P240 P241 P242 P243 P261 P264 P271 P280 P281 P303+P361+P353 P304+P340 P305+P351+P338 P308+P313 P312 P337+P313 P370+P378 P403+P233 P403+P235 P405 P501

MASTER NAME:	Acetaldehyde
SYNONYMS LONG TEXT:	Acetic Aldehyde, Acetylaldehyde, Ethanal, Ethyl Aldehyde
EINECS:	200-836-8
CS:	2912 12 00 00
INDEX NR.:	605-003-00-6

Acetone for UV, IR, HPLC, GPC, ACS

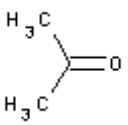
2-Propanone, ß-Ketopropane, Dimethylketone, Pyroacetic Ether

Minimum assay (G.C.): 99.9%

CODE	**361007**
CAS	**67-64-1**
MOLECULAR FORMULA	**CH_3COCH_3**
MOLAR MASS	**58.08 g/mol**

Packs sizes (4)

	CODE	PACKAGING SIZE
	CODE 361007.1611	PACKAGING SIZE 1000 ml
	CODE 361007.1612	PACKAGING SIZE 2.5 l
	CODE 361007.16153	PACKAGING SIZE 4 l
	CODE 361007.0537	PACKAGING SIZE 30 l

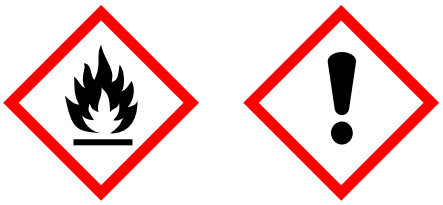


Technical data

MELTING POINT:	-94 °C
BOILING POINT:	56.5 °C
DENSITY:	0.789 kg/l
SOLUBILITY:	water
REFRACTIVE INDEX:	20/D 1.3591
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	361007
PRODUCT NAME:	Acetone for UV, IR, HPLC, GPC, ACS
QUALITY NAME:	for UV, IR, HPLC, GPC, ACS
SPECIFICATIONS:	Minimum assay (G.C.): 99.9% Density 20/4: 0.787-0.791 Maximum limit of impurities APHA colour: 10 Acidity: 0.0002 meq/g Alkalinity: 0.0002 meq/g Insoluble matter in H2O: passes test Non-volatile matter: 0.0003 % Reducing substance to KMnO4 (as O): 0.0002 % 2-Propanol (G.C.): 0.05% Aldehydes (as HCHO): 0.002% Methanol (G.C.): 0.05% Water (H2O): 0.2 % Suitability for IR spectrometry:: passes test Fluorescence at 365 nm (as quinine): 2 ppb UV Spectrum (1cm cell; Ref.: water): Transmittance at 329 (Cut off) nm: ≥10% Transmittance at 330 nm: ≥15% Transmittance at 335 nm: ≥60% Transmittance at 340 nm: ≥85% Transmittance at 345 nm: ≥95% Transmittance at 350-450 nm: ≥98%

Data of interest in HPLC:
Rohrschneider Polarity: 5.1
Eluotropic value e° (Al2O3): 0.56
Sol. H2O in solv. at 20°C: miscible
For critical jobs, purge with nitrogen.
Microfiltered product (0.2 µm) and bottled under nitrogen atmosphere.

HAZARD PICTOGRAMS	
UN:	1090
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1
STORAGE:	Storage away from direct light.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H319 EUH066 H336
P PHRASES:	P210 P233 P241 P235 P501 P303+P361+P353 P304+P340

MASTER NAME:	Acetone
SYNONYMS LONG TEXT:	2-Propanone, ß-Ketopropane, Dimethylketone, Pyroacetic Ether
EINECS:	200-662-2
CS:	2914 11 00 00
INDEX NR.:	606-001-00-8

Acetone for pesticide analysis

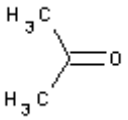
2-Propanone, ß-Ketopropane, Dimethylketone, Pyroacetic Ether

Minimum assay (G.C.): 99.8%

CODE	**321007**
CAS	**67-64-1**
MOLECULAR FORMULA	**CH_3COCH_3**
MOLAR MASS	**58.08 g/mol**

Packs sizes (1)

CODE	PACKAGING SIZE
CODE 321007.1612	PACKAGING SIZE 2.5 l

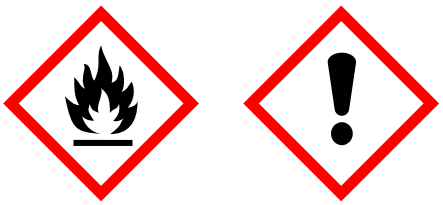


Technical data

MELTING POINT:	-94 °C
BOILING POINT:	56.5 °C
DENSITY:	0.789 kg/l
SOLUBILITY:	water

REFRACTIVE INDEX:	20/D 1.3591
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	321007
PRODUCT NAME:	Acetone for pesticide analysis
QUALITY NAME:	for pesticide analysis
SPECIFICATIONS:	Minimum assay (G.C.): 99.8% Identity: IR passes test Density 20/4: 0.787-0.791 Maximum limit of impurities APHA colour: 10 Acidity: 0.0003 meq/g Alkalinity: 0.0005 meq/g Non-volatile matter: 0.0005 % Water (H2O): 0.2 % Signal ECD of pesticide (Lindane a DDT) (as Lindane): 5 ng/l Signal FID of 2-Octanol to Tetradecanol (as 2-Octanol): passes test

HAZARD PICTOGRAMS	
UN:	1090
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1
STORAGE:	Storage away from direct light.

SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H319 EUH066 H336
P PHRASES:	P210 P233 P241 P235 P501 P303+P361+P353 P304+P340

MASTER NAME:	Acetone
SYNONYMS LONG TEXT:	2-Propanone, ß-Ketopropane, Dimethylketone, Pyroacetic Ether
EINECS:	200-662-2
CS:	2914 11 00 00
INDEX NR.:	606-001-00-8

Acetone + Bromophenol blue 4,5 mg/L for determination of soap content in oils and fats

CODE

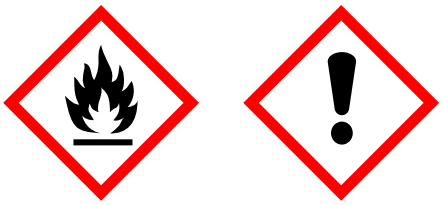
287184

Packs sizes (1)

CODE	PACKAGING SIZE
CODE 287184.1214	PACKAGING SIZE 5 l

Technical data

BOILING POINT:	56.5 °C
DENSITY:	0.805 kg/l
SOLUBILITY:	Miscible with water
PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	287184
PRODUCT NAME:	Acetone + Bromophenol blue 4,5 mg/L for determination of soap content in oils and fats
QUALITY NAME:	for determination of soap content in oils and fats
SPECIFICATIONS:	COMPOSITION: Acetone: 900 ml Bromophenol Blue solution 0,1%: 4.5 ml Water: 27 ml

	Identity: passes test Density 20/4: 0.800 - 0.805
HAZARD PICTOGRAMS	
UN:	1993
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H319 EUH066 H336
P PHRASES:	P210 P233 P241 P235 P501 P303+P361+P353 P304+P340
MASTER NAME:	Acetone + Bromophenol blue
CS:	3822 90 00 00

Acetone dry (max. 0.01% water)

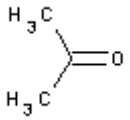
2-Propanone, ß-Ketopropane, Dimethylketone, Pyroacetic Ether

Minimum assay (G.C.): 99%

CODE	**481007**
CAS	**67-64-1**
MOLECULAR FORMULA	**CH_3COCH_3**
MOLAR MASS	**58.08 g/mol**

Packs sizes (1)

CODE	PACKAGING SIZE
CODE 481007.1611	PACKAGING SIZE 1000 ml



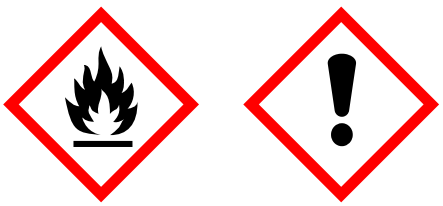
Technical data

MELTING POINT:	-94 °C
BOILING POINT:	56.5 °C
DENSITY:	0.789 kg/l
SOLUBILITY:	water

REFRACTIVE INDEX:	20/D 1.3591
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	481007
PRODUCT NAME:	Acetone dry (max. 0.01% water)
SPECIFICATIONS:	Minimum assay (G.C.): 99% Identity: IR passes test Density 20/4: 0.787-0.791 Maximum limit of impurities APHA colour: 10 Acidity: 0.0003 meq/g Alkalinity: 0.0005 meq/g Insoluble matter in H2O: passes test Reducing substance to KMnO4 (as O): 0.0002 % 1-Propanol (G.C.): 0.05% 2-Propanol (G.C.): 0.05% Aldehydes (as HCHO): 0.005% Ethanol (G.C.): 0.01% Mesityl oxide (G.C.): 0.05% Methanol (G.C.): 0.05% Water (H2O): 0.01 % Metals by ICP [in mg/Kg (ppm)] Ag: 0.05 Al: 0.5 As: 0.05 Au: 0.05 B: 0.02 Ba: 0.1 Be: 0.02 Bi: 0.05 Ca: 0.5 Cd: 0.05 Co: 0.02 Cr: 0.02 Cu: 0.02 Fe: 0.1 Ga: 0.02 Ge: 0.05 Hg: 0.05

In: 0.05
K: 0.1
Li: 0.05
Mg: 0.1
Mn: 0.02
Mo: 0.02
Na: 0.5
Ni: 0.02
P: 0.2
Pb: 0.1
Pt: 0.02
S: 0.2
Sb: 0.02
Si: 0.2
Sn: 0.1
Sr: 0.2
Ti: 0.02
Tl: 0.02
V: 0.02
Zn: 0.1
Zr: 0.02

HAZARD PICTOGRAMS	
UN:	1090
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1
STORAGE:	Storage away from direct light.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02

	GHS07
H PHRASES:	H225 H319 EUH066 H336
P PHRASES:	P210 P233 P241 P235 P501 P303+P361+P353 P304+P340

MASTER NAME:	Acetone
SYNONYMS LONG TEXT:	2-Propanone, ß-Ketopropane, Dimethylketone, Pyroacetic Ether
EINECS:	200-662-2
CS:	2914 11 00 00
INDEX NR.:	606-001-00-8

Acetone, 99.5% for synthesis

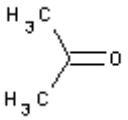
2-Propanone, ß-Ketopropane, Dimethylketone, Pyroacetic Ether

Minimum assay (G.C.): 99.5%

CODE	**161007**
CAS	**67-64-1**
MOLECULAR FORMULA	**CH_3COCH_3**
MOLAR MASS	**58.08 g/mol**

Packs sizes (1)

	CODE	PACKAGING SIZE
	CODE 161007.1214	PACKAGING SIZE 5 l

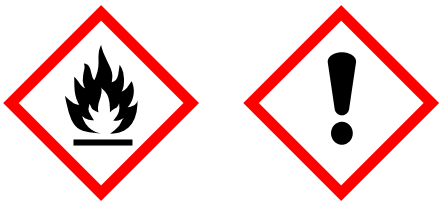


Technical data

MELTING POINT:	-94 °C
BOILING POINT:	56.5 °C
DENSITY:	0.789 kg/l
SOLUBILITY:	water

REFRACTIVE INDEX:	20/D 1.3591
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	161007
PRODUCT NAME:	Acetone, 99.5% for synthesis
QUALITY NAME:	for synthesis
SPECIFICATIONS:	Minimum assay (G.C.): 99.5% Identity: IR passes test Density 20/4: 0.787-0.791 Non-volatile matter: 0.002 % Water (H2O): 0.3 %

HAZARD PICTOGRAMS	
UN:	1090
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1
STORAGE:	Storage away from direct light.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H319 EUH066

	H336
P PHRASES:	P210 P233 P241 P235 P501 P303+P361+P353 P304+P340

MASTER NAME:	Acetone
SYNONYMS LONG TEXT:	2-Propanone, ß-Ketopropane, Dimethylketone, Pyroacetic Ether
EINECS:	200-662-2
CS:	2914 11 00 00
INDEX NR.:	606-001-00-8

Acetonitrile for pesticide analysis, ACS

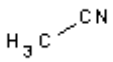
Cyanomethane, Ethanenitrile, Methyl Cyanide

Minimum assay (G.C.): 99.8%

CODE	**321881**
CAS	**75-05-8**
MOLECULAR FORMULA	**CH_3CN**
MOLAR MASS	**41.05 g/mol**

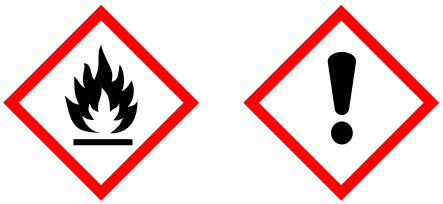
Packs sizes (1)

CODE	PACKAGING SIZE
CODE 321881.1612	PACKAGING SIZE 2.5 l



Technical data

MELTING POINT:	-48 °C
BOILING POINT:	80 - 82 °C
DENSITY:	0.781 kg/l
REFRACTIVE INDEX:	20/D 1.344
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	321881
PRODUCT NAME:	Acetonitrile for pesticide analysis, ACS
QUALITY NAME:	for pesticide analysis, ACS
SPECIFICATIONS:	Minimum assay (G.C.): 99.8% Identity: IR passes test Density 20/4: 0.779-0.783 Maximum limit of impurities APHA colour: 10 Acidity: 0.0002 meq/g Alkalinity: 0.0001 meq/g Non-volatile matter: 0.0003 % Water (H2O): 0.02 % Signal ECD of pesticide (Lindane a DDT) (as Lindane): 5 ng/l Signal FID of 2-Octanol to Tetradecanol (as 2-Octanol): passes test
HAZARD PICTOGRAMS	
UN:	1648
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	2
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02

	GHS07
H PHRASES:	H225 H332 H312 H302 H319
P PHRASES:	P210 P233 P240 P241 P242 P243 P261 P270 P271 P280 P301+P330+P331 P303+P361+P353 P304+P340 P305+P351+P338 P312 P322 P363 P370+P378 P501 P337+P313

MASTER NAME:	Acetonitrile
SYNONYMS LONG TEXT:	Cyanomethane, Ethanenitrile, Methyl Cyanide
EINECS:	200-835-2
CS:	2926 90 70 90
INDEX NR.:	608-001-00-3

Acetonitrile for LC-MS

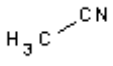
Cyanomethane, Ethanenitrile, Methyl Cyanide

Minimum assay (G.C.): 99.9%

CODE	**701881**
CAS	**75-05-8**
MOLECULAR FORMULA	**CH_3CN**
MOLAR MASS	**41.05 g/mol**

Packs sizes (2)

	CODE	PACKAGING SIZE
	CODE 701881.1611	PACKAGING SIZE 1000 ml
	CODE 701881.1612	PACKAGING SIZE 2.5 l

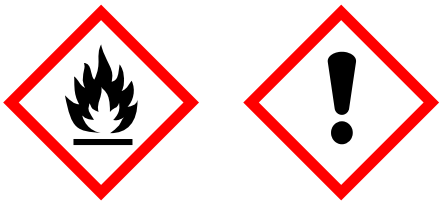


Technical data

MELTING POINT:	-48 °C
BOILING POINT:	80 - 82 °C
DENSITY:	0.781 kg/l

REFRACTIVE INDEX:	20/D 1.344
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	701881
PRODUCT NAME:	Acetonitrile for LC-MS
QUALITY NAME:	for LC-MS
SPECIFICATIONS:	Minimum assay (G.C.): 99.9% Identity: IR passes test Density 20/4: 0.779-0.783 Suitability: for LC-MS: passes test Maximum limit of impurities APHA colour: 10 Acidity: 0.0003 meq/g Alkalinity: 0.0001 meq/g Non-volatile matter: 0.0001 % Base line drift (210 nm): 10 mUA Water (H2O): 0.01 % Gradient at 210 nm: 1 mUA Gradient at 254 nm: 0.2 mUA Fluorescence at 254 nm (as quinine): 1 ppb Fluorescence at 365 nm (as quinine): 0.5 ppb UV Spectrum (1cm cell; Ref.: water): Transmittance at 190 nm: ≥30% Transmittance at 193 nm: ≥60% Transmittance at 195 nm: ≥80% Transmittance at 200 nm: ≥90% Transmittance at 230-400 nm: ≥98% Metals [in mg/Kg (ppm)] Ag: 0.05 Al: 0.5 Ba: 0.1 Ca: 0.05 Cd: 0.05 Co: 0.02 Cr: 0.02 Cu: 0.02 Fe: 0.1

	K: 0.1 Mg: 0.1 Mn: 0.02 Na: 0.1 Ni: 0.02 Pb: 0.1 Sn: 0.1 Zn: 0.1 Microfiltered product (0.2 µm) and bottled under nitrogen atmosphere.
HAZARD PICTOGRAMS	
UN:	1648
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	2
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H332 H312 H302 H319
P PHRASES:	P210 P233 P240 P241

	P242 P243 P261 P270 P271 P280 P301+P330+P331 P303+P361+P353 P304+P340 P305+P351+P338 P312 P322 P363 P370+P378 P501 P337+P313
MASTER NAME:	Acetonitrile
SYNONYMS LONG TEXT:	Cyanomethane, Ethanenitrile, Methyl Cyanide
EINECS:	200-835-2
CS:	2926 90 70 90
INDEX NR.:	608-001-00-3

Acetonitrile dry (max. 0.005% water) , ACS

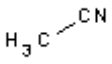
Cyanomethane, Ethanenitrile, Methyl Cyanide

Minimum assay (G.C.): 99.7%

CODE	**481881**
CAS	**75-05-8**
MOLECULAR FORMULA	**CH_3CN**
MOLAR MASS	**41.05 g/mol**

Packs sizes (1)

	CODE	PACKAGING SIZE	
	CODE 481881.1612	PACKAGING SIZE 2,5 l	Product discontinued. Alternative 731881.1612 (please check specifications).

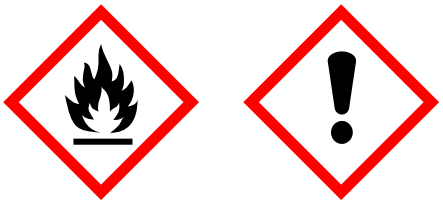


Technical data

MELTING POINT:	-48 °C
BOILING POINT:	80 - 82 °C
DENSITY:	0.781 kg/l
REFRACTIVE INDEX:	

	20/D 1.344
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	481881
PRODUCT NAME:	Acetonitrile dry (max. 0.005% water) , ACS
QUALITY NAME:	, ACS
SPECIFICATIONS:	Minimum assay (G.C.): 99.7% Identity: IR passes test Density 20/4: 0.779-0.783 Maximum limit of impurities APHA colour: 10 Acidity: 0.0002 meq/g Alkalinity: 0.0001 meq/g Insoluble matter in H2O: passes test Non-volatile matter: 0.001 % Reducing substance to KMnO4: passes test Acrylonitrile (G.C.): 0.05% Allyl Alcohol (G.C.): 0.05% Benzene (G.C.): 0.05% Hydrogen Cyanide (HCN): 0.005% Propionitrile (G.C.): 0.1% Water (H2O): 0.005 % Metals by ICP [in mg/Kg (ppm)] Ag: 0.05 Al: 0.5 As: 0.05 Au: 0.05 B: 0.02 Ba: 0.1 Be: 0.02 Bi: 0.05 Ca: 0.05 Cd: 0.05 Co: 0.02 Cr: 0.02 Cu: 0.02 Fe: 0.1 Ga: 0.02

	Ge: 0.05 Hg: 0.05 In: 0.05 K: 0.1 Li: 0.05 Mg: 0.1 Mn: 0.02 Mo: 0.02 Na: 0.5 Ni: 0.02 P: 0.2 Pb: 0.1 Pt: 0.02 S: 0.2 Sb: 0.02 Si: 0.2 Sn: 0.1 Sr: 0.2 Ti: 0.02 Tl: 0.02 V: 0.02 Zn: 0.1 Zr: 0.02
HAZARD PICTOGRAMS	
UN:	1648
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	2
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger

GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H332 H312 H302 H319
P PHRASES:	P210 P233 P240 P241 P242 P243 P261 P270 P271 P280 P301+P330+P331 P303+P361+P353 P304+P340 P305+P351+P338 P312 P322 P363 P370+P378 P501 P337+P313

MASTER NAME:	Acetonitrile
SYNONYMS LONG TEXT:	Cyanomethane, Ethanenitrile, Methyl Cyanide
EINECS:	200-835-2
CS:	2926 90 70 90
INDEX NR.:	608-001-00-3

Acetone technical grade

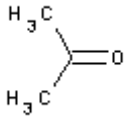
2-Propanone, ß-Ketopropane, Dimethylketone, Pyroacetic Ether

Assay (G.C.): 99.5%

CODE	**211007**
CAS	**67-64-1**
MOLECULAR FORMULA	**CH_3COCH_3**
MOLAR MASS	**58.08 g/mol**

Packs sizes (5)

	CODE	PACKAGING SIZE
	211007.1211	1000 ml
	211007.1212	2.5 l
	211007.1214	5 l
	211007.0715	10 l
	211007.0716	25 l

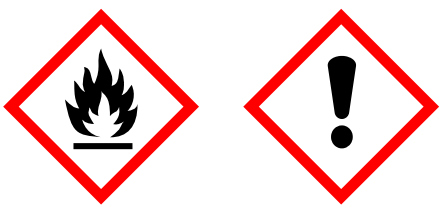


Technical data

MELTING POINT:	-94 °C
BOILING POINT:	56.5 °C
DENSITY:	0.789 kg/l
SOLUBILITY:	water
REFRACTIVE INDEX:	20/D 1.3591
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	211007
PRODUCT NAME:	Acetone technical grade
QUALITY NAME:	technical grade
SPECIFICATIONS:	Assay (G.C.): 99.5% Density 20/4: 0.787-0.791 Acidity: 0.008 meq/g Alkalinity: 0.006 meq/g Water (H2O): 0.3 %

HAZARD PICTOGRAMS



UN:	1090
CLASS/PG:	3/II

ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1
STORAGE:	Storage away from direct light.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H319 EUH066 H336
P PHRASES:	P210 P233 P241 P235 P501 P303+P361+P353 P304+P340

MASTER NAME:	Acetone
SYNONYMS LONG TEXT:	2-Propanone, ß-Ketopropane, Dimethylketone, Pyroacetic Ether
EINECS:	200-662-2
CS:	2914 11 00 00
INDEX NR.:	606-001-00-8

Acetonitrile (Reag. Ph. Eur.) for HPLC gradient / UHPLC supergradient grade, ACS

Cyanomethane, Ethanenitrile, Methyl Cyanide

Minimum assay (G.C.): 99.9%

CODE	**221881**
CAS	**75-05-8**
MOLECULAR FORMULA	**CH_3CN**
MOLAR MASS	**41.05 g/mol**

Packs sizes (9)

	CODE	PACKAGING SIZE
	CODE 221881.1611	PACKAGING SIZE 1000 ml
	CODE 221881.1612	PACKAGING SIZE 2.5 l
	CODE 221881.16153	PACKAGING SIZE 4 l
	CODE 221881.0314	PACKAGING SIZE 5 l

CODE
221881.0515

PACKAGING SIZE
10 l

CODE
221881.0316

PACKAGING SIZE
25 l

Product discontinued. Alternative 221881.0314 (please check specifications).

CODE
221881.0537

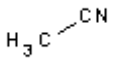
PACKAGING SIZE
30 l

CODE
221881.0519

PACKAGING SIZE
200 l

CODE
221881.0574

PACKAGING SIZE
1000 l

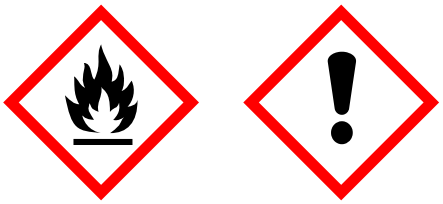


Technical data

MELTING POINT:	-48 °C
BOILING POINT:	80 - 82 °C
DENSITY:	0.781 kg/l
REFRACTIVE INDEX:	20/D 1.344
PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	221881

PRODUCT NAME:	Acetonitrile (Reag. Ph. Eur.) for HPLC gradient / UHPLC supergradient grade, ACS
QUALITY NAME:	for HPLC gradient / UHPLC supergradient grade, ACS
SPECIFICATIONS:	Minimum assay (G.C.): 99.9% Identity: IR passes test Density 20/4: 0.779-0.783 Suitability: for gradient acc. to ACS: passes test Range of Distillation (>95% dist.): 80-82°C Maximum limit of impurities APHA colour: 10 Acidity: 0.0005 meq/g Alkalinity: 0.0001 meq/g Non-volatile matter: 0.0001 % Base line drift (210 nm): 10 mUA Water (H2O): 0.015 % Gradient at 210 nm: 1 mUA Gradient at 254 nm: 0.5 mUA Fluorescence at 254 nm (as quinine): 1 ppb Fluorescence at 365 nm (as quinine): 0.5 ppb UV Spectrum (1cm cell; Ref.: water): Transmittance at 190 (Cut off) nm: ≥30% Transmittance at 193 nm: ≥60% Transmittance at 195 nm: ≥80% Transmittance at 200 nm: ≥90% Transmittance at 230-400 nm: ≥98% Data of interest in HPLC: Rohrschneider Polarity: 5.8 Eluotropic value e° (Al2O3): 0.65 Sol. H2O in solv. at 20°C: miscible Microfiltered product (0.2 µm) and bottled under nitrogen atmosphere. Conforms to Acetonitrile for chromatography and Acetonitrile R1 according to Reag. Ph. Eur.

HAZARD PICTOGRAMS



UN:	1648
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	2
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H332 H312 H302 H319
P PHRASES:	P210 P233 P240 P241 P242 P243 P261 P270 P271 P280 P301+P330+P331 P303+P361+P353 P304+P340 P305+P351+P338 P312 P322 P363 P370+P378 P501 P337+P313

MASTER NAME:	Acetonitrile
SYNONYMS LONG TEXT:	Cyanomethane, Ethanenitrile, Methyl Cyanide
EINECS:	200-835-2
CS:	2926 90 70 90
INDEX NR.:	608-001-00-3

Alcohol-Hydrochloric 8:2 for clinical diagnostics

CODE

251804

Packs sizes (1)

CODE	PACKAGING SIZE
CODE 251804.1210	PACKAGING SIZE 500 ml

Technical data

DENSITY:	0.890 kg/l
PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	251804
PRODUCT NAME:	Alcohol-Hydrochloric 8:2 for clinical diagnostics
QUALITY NAME:	for clinical diagnostics
HEADLINE COMMENT:	for microscopy, according to Ziehl-Neelsen
SPECIFICATIONS:	COMPOSITION: Ethanol absolute: 80 ml Hydrochloric Acid 35%: 20 ml Density 25/4: 0.879 - 0.900

HAZARD PICTOGRAMS	
UN:	2924
CLASS/PG:	3(8)/II
ADR:	3(8)/II
IMDG:	3(8)/II
IATA:	3(8)/II
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07 GHS05
H PHRASES:	H225 H319 H335 H315 H290
P PHRASES:	P210 P233 P240 P241 P242 P501 P243 P261 P264 P271 P280 P302+P352 P303+P361+P353

	P304+P340 P305+P351+P338 P312 P321 P332+P313 P337+P313 P362 P370+P378 P403+P233 P403+P235 P405
MASTER NAME:	Alcohol-Hydrochloric 8:2
CS:	2806 10 00 00

Alcohol-Acetone 7:3 (CE-IVD) for clinical diagnostics

CODE

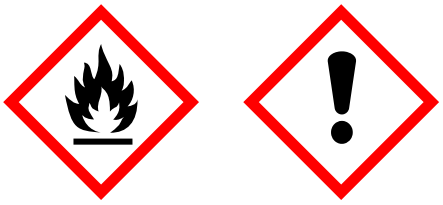
251803

Packs sizes (1)

	CODE	PACKAGING SIZE
	CODE 251803.1211	PACKAGING SIZE 1000 ml

Technical data

DENSITY:	0.795 kg/l
PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	251803
PRODUCT NAME:	Alcohol-Acetone 7:3 (CE-IVD) for clinical diagnostics
QUALITY NAME:	for clinical diagnostics
HEADLINE COMMENT:	Bleach for Gram staining
SPECIFICATIONS:	COMPOSITION: Ethanol absolute: 70 ml Acetone: 30 ml Density 25/4: 0.783 - 0.786

HAZARD PICTOGRAMS	
UN:	1993
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H319 H336
P PHRASES:	P210 P233 P240 P241 P242 P501 P243 P261 P264 P271 P280 P303+P361+P353 P304+P340 P305+P351+P338 P312 P337+P313

	P370+P378 P403+P233 P403+P235 P405
MASTER NAME:	Alcohol-Acetone 7:3
CS:	2914 11 00 00

Acetonitrile with 0.1% (v/v) of Trifluoroacetic Acid for HPLC

Assay (as Trifluoroacetic Acid): 0.095 - 0.105 % (v/v)

CODE

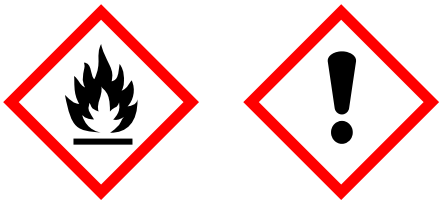
367170

Packs sizes (1)

	CODE	PACKAGING SIZE
	CODE 367170.0537	PACKAGING SIZE 30 l

Technical data

DENSITY:	0.782 kg/l
PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	367170
PRODUCT NAME:	Acetonitrile with 0.1% (v/v) of Trifluoroacetic Acid for HPLC
QUALITY NAME:	for HPLC
SPECIFICATIONS:	Assay (as Trifluoroacetic Acid): 0.095 - 0.105 % (v/v) This product has been manufactured with Acetonitrile for UHPLC (code 221881) and Trifluoroacetic Acid for UV (code 363317)

HAZARD PICTOGRAMS	
UN:	1648
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H302 H332 H312 H319
P PHRASES:	P210 P233 P240 P241 P242 P501 P280 P303+P361+P353 P370+P380 P403+P235 P243 P261 P264 P270 P271 P301+P312 P302+P352 P304+P340

	P305+P351+P338 P312 P330 P322 P337+P313 P363
MASTER NAME:	Acetonitrile with 0.1% (v/v) of Trifluoroacetic Acid
CS:	3822 90 00 00

Acetonitrile for UV, IR, HPLC, ACS

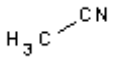
Cyanomethane, Ethanenitrile, Methyl Cyanide

Minimum assay (G.C.): 99.9%

CODE	**361881**
CAS	**75-05-8**
MOLECULAR FORMULA	**CH_3CN**
MOLAR MASS	**41.05 g/mol**

Packs sizes (2)

	CODE	PACKAGING SIZE	
	CODE 361881.1612	PACKAGING SIZE 2.5 l	
	CODE 361881.0516	PACKAGING SIZE 25 l	Product discontinued. Please check CAS-No. for alternative or contact our Customer Service.

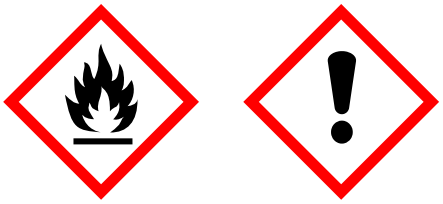


Technical data

MELTING POINT:	-48 °C
BOILING POINT:	80 - 82 °C

DENSITY:	0.781 kg/l
REFRACTIVE INDEX:	20/D 1.344
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	361881
PRODUCT NAME:	Acetonitrile for UV, IR, HPLC, ACS
QUALITY NAME:	for UV, IR, HPLC, ACS
SPECIFICATIONS:	Minimum assay (G.C.): 99.9% Density 20/4: 0.779-0.783 **Maximum limit of impurities** APHA colour: 10 Acidity: 0.0005 meq/g Alkalinity: 0.0001 meq/g Non-volatile matter: 0.0004 % Suitability for gradient according to ACS: passes test Water (H2O): 0.02 % Suitability for IR spectrometry:: passes test Fluorescence at 254 nm (as quinine): 1 ppb Fluorescence at 365 nm (as quinine): 1 ppb UV Spectrum (1cm cell; Ref.: water): Transmittance at 190 (Cut off) nm: ≥10% Transmittance at 193 nm: ≥55% Transmittance at 195 nm: ≥70% Transmittance at 200 nm: ≥90% Transmittance at 230-400 nm: ≥98% Microfiltered product (0.2 µm) and bottled under nitrogen atmosphere.

HAZARD PICTOGRAMS	
UN:	1648

CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	2
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H332 H312 H302 H319
P PHRASES:	P210 P233 P240 P241 P242 P243 P261 P270 P271 P280 P301+P330+P331 P303+P361+P353 P304+P340 P305+P351+P338 P312 P322 P363 P370+P378 P501 P337+P313

MASTER NAME:	Acetonitrile
SYNONYMS LONG TEXT:	Cyanomethane, Ethanenitrile, Methyl Cyanide
EINECS:	200-835-2
CS:	2926 90 70 90
INDEX NR.:	608-001-00-3

Acetonitrile for UHPLC Hypergradient

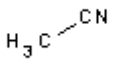
Cyanomethane, Ethanenitrile, Methyl Cyanide

Minimum assay (G.C.): 99.9%

CODE	**721881**
CAS	**75-05-8**
MOLECULAR FORMULA	**CH_3CN**
MOLAR MASS	**41.05 g/mol**

Packs sizes (1)

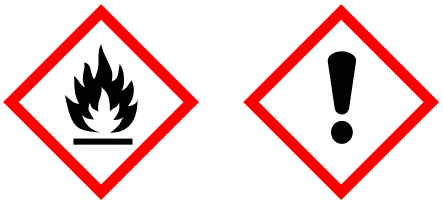
CODE	PACKAGING SIZE
CODE 721881.1612	PACKAGING SIZE 2.5 l



Technical data

MELTING POINT:	-48 °C
BOILING POINT:	80 - 82 °C
DENSITY:	0.781 kg/l
REFRACTIVE INDEX:	20/D 1.344
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	721881
PRODUCT NAME:	Acetonitrile for UHPLC Hypergradient
QUALITY NAME:	for UHPLC Hypergradient
SPECIFICATIONS:	Minimum assay (G.C.): 99.9% Identity: IR passes test Density 20/4: 0.779-0.783 Suitability: for pesticide analysis (HPLC UV detection): passes test Suitability: for PAH analysis (HPLC fluorescence detection): passes test Suitability: for fluorescence detection (NIST SRM 1647B): passes test Maximum limit of impurities APHA colour: 10 Acidity: 0.0001 meq/g Alkalinity: 0.0001 meq/g Non-volatile matter: 0.0001 % Base line drift (210 nm): 10 mUA Water (H2O): 0.01 % Gradient at 210 nm: 1 mUA Gradient at 254 nm: 0.5 mUA UV Spectrum (1cm cell; Ref.: water): Transmittance at 190 nm: ≥30% Transmittance at 193 nm: ≥60% Transmittance at 195 nm: ≥85% Transmittance at 200 nm: ≥96% Transmittance at 215 nm: ≥98% Transmittance at 230-400 nm: ≥99% Data of interest in HPLC: UV-Cut off: 190 nm Rohrschneider Polarity: 5.8 Eluotropic value e° (Al2O3): 0.65 Sol. H2O in solv. at 20°C: miscible Microfiltered product (0.2 µm) and bottled under nitrogen atmosphere.

HAZARD PICTOGRAMS	
UN:	1648
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	2
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H332 H312 H302 H319
P PHRASES:	P210 P233 P240 P241 P242 P243 P261 P270 P271 P280 P301+P330+P331 P303+P361+P353 P304+P340 P305+P351+P338

	P312 P322 P363 P370+P378 P501 P337+P313
MASTER NAME:	Acetonitrile
SYNONYMS LONG TEXT:	Cyanomethane, Ethanenitrile, Methyl Cyanide
EINECS:	200-835-2
CS:	2926 90 70 90
INDEX NR.:	608-001-00-3

Benzene for UV, IR, HPLC, GPC, ACS

Benzol, Cyclohexatriene

Minimum assay (G.C.): 99.8%

CODE	**361192**
CAS	**71-43-2**
MOLECULAR FORMULA	**C_6H_6**
MOLAR MASS	**78.11 g/mol**

Packs sizes (1)

CODE	PACKAGING SIZE
CODE 361192.1611	PACKAGING SIZE 1000 ml

Technical data

MELTING POINT:	5.5 °C
BOILING POINT:	80.1 °C
DENSITY:	0.879 kg/l
SOLUBILITY:	water 0.7 g/l at 20 °C

REFRACTIVE INDEX:	20/D 1.5011
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	361192
PRODUCT NAME:	Benzene for UV, IR, HPLC, GPC, ACS
QUALITY NAME:	for UV, IR, HPLC, GPC, ACS
SPECIFICATIONS:	Minimum assay (G.C.): 99.8% Density 20/4: 0.877-0.878 Maximum limit of impurities APHA colour: 10 Acidity: 0.0001 meq/g Alkalinity: 0.0001 meq/g Non-volatile matter: 0.0003 % Darkened substances by H2SO4: passes test Sulfur compounds (as CS2): 0.0003 % Thiophene (C4H4S): 0.0001% Water (H2O): 0.01 % Suitability for IR spectrometry:: passes test Fluorescence at 365 nm (as quinine): 2 ppb UV Spectrum (1cm cell; Ref.: water): Transmittance at 278 (Cut off) nm: ≥10% Transmittance at 280 nm: ≥25% Transmittance at 285 nm: ≥70% Transmittance at 290 nm: ≥80% Transmittance at 300 nm: ≥90% Transmittance at 320 nm: ≥95% Transmittance at 340-450 nm: ≥98% Data of interest in HPLC: P' + 0,25 E: 3.6 Rohrschneider Polarity: 2.7 Eluotropic value e° (Al2O3): 0.32 Sol. H2O in solv. at 20°C: 0.058 For critical jobs, purge with nitrogen. Microfiltered product (0.2 µm) and bottled under nitrogen atmosphere.

HAZARD PICTOGRAMS	
UN:	1114
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	3
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS08 GHS02 GHS07
H PHRASES:	H350 H340 H225 H319 H315 H372 H304
P PHRASES:	P201 P202 P210 P233 P240 P241 P242 P243 P260 P264 P270

	P280 P281 P301+P310 P302+P352 P303+P361+P353 P305+P351+P338 P307+P311 P308+P313 P321 P331 P332+P313 P337+P313 P362 P370+P378 P403+P235 P405 P501
MASTER NAME:	Benzene
SYNONYMS LONG TEXT:	Benzol, Cyclohexatriene
EINECS:	200-753-7
CS:	2902 20 00 00
INDEX NR.:	601-020-00-8

AQUAMETRIC Solvent Oil B for Karl Fischer volumetric analysis

CODE

286154

Packs sizes (1)

	CODE	PACKAGING SIZE
	CODE 286154.1611	PACKAGING SIZE 1000 ml

Technical data

DENSITY:	0.967 kg/l
PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	286154
PRODUCT NAME:	AQUAMETRIC Solvent Oil B for Karl Fischer volumetric analysis
QUALITY NAME:	for Karl Fischer volumetric analysis
HEADLINE COMMENT:	for volumetric Karl Fischer titrations in used industrial oils. Use with AQUAMETRIC Composite 5
SPECIFICATIONS:	Suitability: for H2O determination: passes test Close the bottle immediately after use. Protect from moisture.

HAZARD PICTOGRAMS	
UN:	1992
CLASS/PG:	3(6.1)/II
ADR:	3(6.1)/II
IMDG:	3(6.1)/II
IATA:	3(6.1)/II
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS06 GHS08
H PHRASES:	H225 H331 H311 H302 H315 H351 H370 H372 H412 H361fd H304 H319
P PHRASES:	P201 P202 P210 P233 P240 P501

P241
P242
P243
P260
P261
P264
P270
P271
P273
P280
P281
P301+P310
P302+P352
P303+P361+P353
P304+P340
P307+P311
P308+P313
P311
P312
P314
P321
P322
P330
P331
P332+P313
P361
P362
P363
P370+P378
P391
P403+P233
P403+P235
P405

MASTER NAME:	AQUAMETRIC Solvent Oil B
CS:	3822 90 00 00

AQUAMETRIC Solvent for Karl Fischer volumetric analysis

CODE

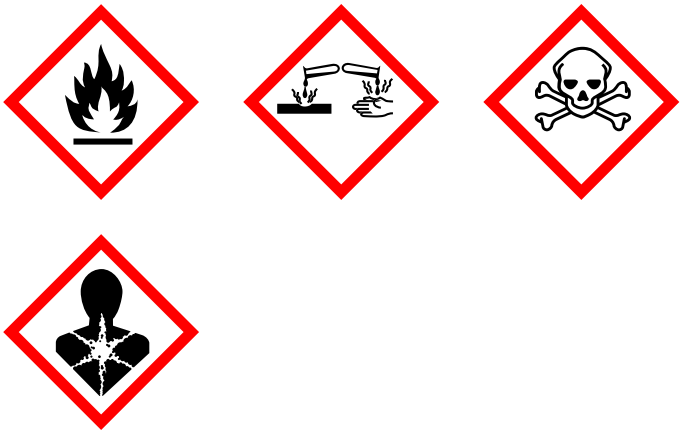
285817

Packs sizes (2)

	CODE	PACKAGING SIZE
	CODE 285817.1611	PACKAGING SIZE 1000 ml
	CODE 285817.1612	PACKAGING SIZE 2.5 l

Technical data

BOILING POINT:	65 °C
DENSITY:	0.877 kg/l
PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	285817
PRODUCT NAME:	AQUAMETRIC Solvent for Karl Fischer volumetric analysis
QUALITY NAME:	for Karl Fischer volumetric analysis
HEADLINE COMMENT:	for volumetric Karl Fischer titrations. Use with AQUAMETRIC Titrant
SPECIFICATIONS:	Suitability: for H2O determination: passes test

	Close the bottle immediately after use. Protect from moisture.
HAZARD PICTOGRAMS	
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CLASS/PG:	3(6.1)(8)/II
ADR:	3(6.1)(8)/II
IMDG:	3(6.1)(8)/II
IATA:	3(6.1)(8)/II
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS06 GHS05 GHS08
H PHRASES:	H225 H331 H311 H301 H314 H370
P PHRASES:	P210 P233 P240

P241
P242
P501
P243
P260
P261
P264
P270
P271
P280
P301+P310
P301+P330+P331
P302+P352
P303+P361+P353
P304+P340
P305+P351+P338
P307+P311
P310
P311
P312
P321
P322
P330
P338
P361
P363
P370+P378
P403+P233
P403+P235
P405

MASTER NAME:	AQUAMETRIC Solvent
CS:	3822 90 00 00

AQUAMETRIC Solvent CM for Karl Fischer volumetric analysis

CODE

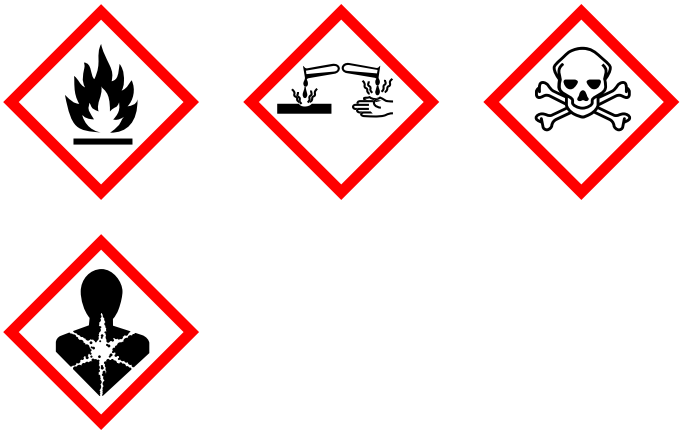
285819

Packs sizes (2)

	CODE	PACKAGING SIZE
	CODE 285819.1611	PACKAGING SIZE 1000 ml
	CODE 285819.1612	PACKAGING SIZE 2,5 l

Technical data

BOILING POINT:	60 - 65 °C
DENSITY:	1.277 kg/l
PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	285819
PRODUCT NAME:	AQUAMETRIC Solvent CM for Karl Fischer volumetric analysis
QUALITY NAME:	for Karl Fischer volumetric analysis
HEADLINE COMMENT:	for volumetric Karl Fischer titrations in oils and fats. Use with AQUAMETRIC Titrant
SPECIFICATIONS:	Suitability: for H2O determination: passes test

	Close the bottle immediately after use. Protect from moisture.
HAZARD PICTOGRAMS	
UN:	1992
CLASS/PG:	3(6.1)/III
ADR:	3(6.1)/III
IMDG:	3(6.1)/III
IATA:	3(6.1)/III
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS08 GHS05 GHS06
H PHRASES:	H226 H302+H312 H331 H318 H372 H370 H360D H315 H351

P PHRASES:	P280 P303+P361+P353 P305+P351+P338 P321 P330 P501 P405 P310 P362+P364
MASTER NAME:	AQUAMETRIC Solvent CM
CS:	3822 90 00 00

Amyl Alcohol according to NF V 04-210 for analysis

Minimum assay (G.C.) (as 3-Methyl-1-Butanol + 2-Methyl-1-Butanol): 98%

CODE	**125715**
CAS	**71-41-0**
MOLECULAR FORMULA	**$C_5H_{12}O$**
MOLAR MASS	**88.15 g/mol**

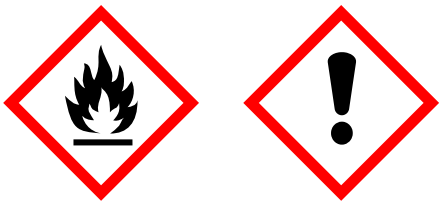
Packs sizes (1)

CODE	PACKAGING SIZE
CODE 125715.1611	PACKAGING SIZE 1000 ml

Technical data

BOILING POINT:	131 - 132 °C
DENSITY:	0.813 kg/l
SOLUBILITY:	Soluble in water.
PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	125715

PRODUCT NAME:	Amyl Alcohol according to NF V 04-210 for analysis
QUALITY NAME:	for analysis
HEADLINE COMMENT:	for determination of fat in milk
SPECIFICATIONS:	Minimum assay (G.C.) (as 3-Methyl-1-Butanol + 2-Methyl-1-Butanol): 98% Assay (as 2-Methyl-1-Butanol) (G.C.): 7-11 % Assay (as 3-Methyl-1-Butanol) (G.C.): 89-93 % Density 20/4: 0.808-0.818 Range of Distillation: 128-132°C Maximum limit of impurities Non-volatile matter: 0.005 % Furfuraldehyde and other organic impurities: passes test Fat: passes test Water (H2O): 0.5 %

HAZARD PICTOGRAMS	
UN:	1105
CLASS/PG:	3/III
ADR:	3/III
IMDG:	3/III
IATA:	3/III
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Warning
GHS SYMBOLS:	GHS02

H PHRASES:	GHS07 H226 H332 H335 H315
P PHRASES:	P210 P233 P240 P241 P242 P501 P243 P261 P271 P280 P303+P361+P353 P304+P340 P312 P370+P378 P403+P233 P403+P235 P405

MASTER NAME:	Amyl Alcohol *according to NF V 04-210
EINECS:	204-633-5
CS:	2905 19 00 98
INDEX NR.:	603-006-00-7

Butanone (Methylethylketone) pure

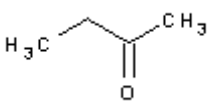
Ethyl Methyl Ketone, MEK, Methyl Ethyl Ketone

Assay (G.C.): 99.5%

CODE	**141429**
CAS	**78-93-3**
MOLECULAR FORMULA	**$CH_3COCH_2CH_3$**
MOLAR MASS	**72.11 g/mol**

Packs sizes (3)

	CODE	PACKAGING SIZE
	CODE 141429.1211	PACKAGING SIZE 1000 ml
	CODE 141429.1212	PACKAGING SIZE 2.5 l
	CODE 141429.1214	PACKAGING SIZE 5 l

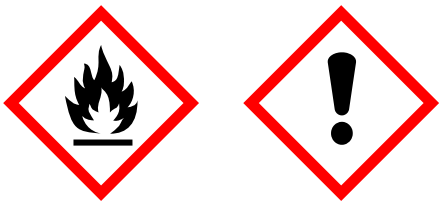


Technical data

MELTING POINT:	-86 °C
BOILING POINT:	79.6 °C
DENSITY:	0.806 kg/l
SOLUBILITY:	water 290 g/l at 20 °C
REFRACTIVE INDEX:	20/D 1.379
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	141429
PRODUCT NAME:	Butanone (Methylethylketone) pure
QUALITY NAME:	pure
SPECIFICATIONS:	Assay (G.C.): 99.5% Identity: IR passes test Density 20/4: 0.804-0.808 Acidity: 0.0015 meq/g Non-volatile matter: 0.002 % Acetone (G.C.): 0.1% 2-Butanol (G.C.): 0.1% 2-Methyl-2-Propanol (G.C.): 0.2% Water (H2O): 0.2 % As: 0.0002 % Ca: 0.02 % Cu: 0.00002 % Fe: 0.00002 % Ni: 0.00002 % Pb: 0.00002 %

HAZARD PICTOGRAMS



UN:	1193
CLASS/PG:	3/II

ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H319 EUH066 H336
P PHRASES:	P210 P233 P240 P241 P242 P501 P243 P261 P264 P271 P280 P303+P361+P353 P304+P340 P305+P351+P338 P312 P337+P313 P370+P378 P403+P233 P403+P235 P405

MASTER NAME:	Butanone *(Methylethylketone)
SYNONYMS LONG TEXT:	Ethyl Methyl Ketone, MEK, Methyl Ethyl Ketone

EINECS:	201-159-0
CS:	2914 12 00 00
INDEX NR.:	606-002-00-3

Bouin Liquor for clinical diagnostics

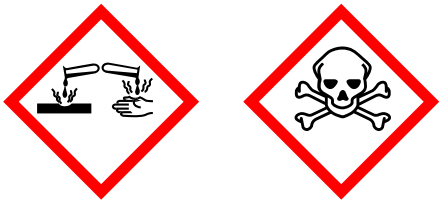
CODE

254102

Packs sizes (1)

	CODE	PACKAGING SIZE
	CODE 254102.1611	PACKAGING SIZE 1000 ml

Technical data

DENSITY:	1.029 kg/l
PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	254102
PRODUCT NAME:	Bouin Liquor for clinical diagnostics
QUALITY NAME:	for clinical diagnostics
SPECIFICATIONS:	COMPOSITION: Picric Acid moistened with ~33% of H2O: 1.125 g Acetic Acid glacial: 5 ml Formaldehyde 35-40%: 25 ml Water: 77 ml Identity: passes test
HAZARD PICTOGRAMS	

WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS05 GHS06
H PHRASES:	H301+H311+H331 H314 H319 H317
P PHRASES:	P280 P301+P310 P321 P303+P361+P353 P305+P351+P338 P363 P361 P501 P405

MASTER NAME:	Bouin Liquor
CS:	3822 90 00 00

Benzyl Alcohol (USP-NF, BP, Ph. Eur.) pure, pharma grade

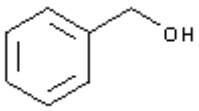
a -Hydroxytoluene, Benzenemethanol, Phenylcarbinol

Assay (Acidim.): 98.0-100.5 %

CODE	**141081**
CAS	**100-51-6**
MOLECULAR FORMULA	**$C_6H_5CH_2OH$**
MOLAR MASS	**108.14 g/mol**

Packs sizes (4)

	CODE	PACKAGING SIZE
	CODE 141081.1611	PACKAGING SIZE 1000 ml
	CODE 141081.1214	PACKAGING SIZE 5 l
	CODE 141081.0816	PACKAGING SIZE 25 l
	CODE 141081.0719	PACKAGING SIZE 200 l



Technical data

MELTING POINT:	-15.2 °C
BOILING POINT:	204.7 °C
DENSITY:	1.046 kg/l
SOLUBILITY:	water 40 g/l at 20 °C
REFRACTIVE INDEX:	20/D 1.5396
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	141081
PRODUCT NAME:	Benzyl Alcohol (USP-NF, BP, Ph. Eur.) pure, pharma grade
QUALITY NAME:	pure, pharma grade
SPECIFICATIONS:	Assay (Acidim.): 98.0-100.5 % Identity according to Pharmacopoeias:: passes test Density 20/20: 1.043-1.049 Refractive Index n 20/D: 1.539-1.541 Maximum limit of impurities Appearance of solution: passes test Acidity: passes test Insoluble matter in H2O: passes test Non-volatile matter: 0.05 % Residue on ignition (as SO4): 0.005 % Peroxide value: 5 Clarity of solution: passes test Colour of solution: passes test

	Halogenated compounds and halides (as Cl): 0.03% Related substances (G.C.) Benzaldehyde (G.C.): 0.15% Ciclohexylmethanol: 0.10% Total imp. Tr < Benzyl Alcohol: 0.04% Total imp. Tr > Benzyl Alcohol: 0.3% Residual solvents (Ph.Eur/USP): passes test Water (H2O): 0.2 % Product bottled under nitrogen atmosphere.
HAZARD PICTOGRAMS	
WGK:	1
STORAGE:	Storage between +2 and +8°C .
SIGNAL WORD:	Warning
GHS SYMBOLS:	GHS07
H PHRASES:	H332 H302 H319
P PHRASES:	P261 P264 P270 P271 P301+P312 P501 P304+P340 P312 P330
MASTER NAME:	Benzyl Alcohol
SYNONYMS LONG TEXT:	a -Hydroxytoluene, Benzenemethanol, Phenylcarbinol
EINECS:	202-859-9

CS:	2906 21 00 00
INDEX NR.:	603-057-00-5

Benzyl Alcohol for analysis, ACS

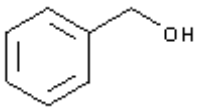
a -Hydroxytoluene, Benzenemethanol, Phenylcarbinol

Minimum assay (G.C.): 99.5%

CODE	**131081**
CAS	**100-51-6**
MOLECULAR FORMULA	**$C_6H_5CH_2OH$**
MOLAR MASS	**108.14 g/mol**

Packs sizes (1)

CODE	PACKAGING SIZE
CODE 131081.1611	PACKAGING SIZE 1000 ml



Technical data

MELTING POINT:	-15.2 °C
BOILING POINT:	204.7 °C
DENSITY:	1.046 kg/l
SOLUBILITY:	water 40 g/l at 20 °C

REFRACTIVE INDEX:	20/D 1.5396
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	131081
PRODUCT NAME:	Benzyl Alcohol for analysis, ACS
QUALITY NAME:	for analysis, ACS
SPECIFICATIONS:	Minimum assay (G.C.): 99.5% Identity: IR passes test Density 20/4: 1.043-1.049 **Maximum limit of impurities** APHA colour: 10 Residue on ignition (as SO4): 0.005 % Acetophenone (G.C.): 0.02% Benzaldehyde (G.C.): 0.01% Water (H2O): 0.1 % Al: 0.0005 % Ca: 0.00005 % Cd: 0.000005 % Co: 0.000002 % Cr: 0.000002 % Cu: 0.000002 % Fe: 0.00001 % Mg: 0.00001 % Mn: 0.000002 % Ni: 0.000002 % Pb: 0.00001 % Zn: 0.00001 % Product bottled under nitrogen atmosphere.

HAZARD PICTOGRAMS	
WGK:	1
STORAGE:	Storage between +2 and +8°C .

SIGNAL WORD:	Warning
GHS SYMBOLS:	GHS07
H PHRASES:	H332 H302 H319
P PHRASES:	P261 P264 P270 P271 P301+P312 P501 P304+P340 P312 P330

MASTER NAME:	Benzyl Alcohol
SYNONYMS LONG TEXT:	a -Hydroxytoluene, Benzenemethanol, Phenylcarbinol
EINECS:	202-859-9
CS:	2906 21 00 00
INDEX NR.:	603-057-00-5

Benzene (Reag. USP, Ph. Eur.) for analysis, ACS, ISO

Benzol, Cyclohexatriene

Minimum assay (G.C.): 99.5%

CODE	**131192**
CAS	**71-43-2**
MOLECULAR FORMULA	**C_6H_6**
MOLAR MASS	**78.11 g/mol**

Packs sizes (3)

	CODE	PACKAGING SIZE
	131192.1611	1000 ml
	131192.1612	2.5 l
	131192.0616	25 l

Technical data

MELTING POINT:	5.5 °C
BOILING POINT:	80.1 °C
DENSITY:	0.879 kg/l
SOLUBILITY:	water 0.7 g/l at 20 °C
REFRACTIVE INDEX:	20/D 1.5011
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	131192
PRODUCT NAME:	Benzene (Reag. USP, Ph. Eur.) for analysis, ACS, ISO
QUALITY NAME:	for analysis, ACS, ISO
SPECIFICATIONS:	Minimum assay (G.C.): 99.5% Identity: IR passes test Density 20/4: 0.877-0.878 Freezing point: ≥ 5.2°C Maximum limit of impurities APHA colour: 10 Acidity: 0.0001 meq/g Alkalinity: 0.0001 meq/g Non-volatile matter: 0.001 % Darkened substances by H2SO4: passes test Sulfur compounds (as CS2): 0.0003 % Thiophene (C4H4S): 0.0001% Toluene (G.C.): 0.1% Water (H2O): 0.03 % Metals by ICP [in mg/Kg (ppm)] Ag: 0.05 Al: 0.5 As: 0.05 Au: 0.05 B: 0.02

Ba: 0.1
Be: 0.02
Bi: 0.05
Ca: 0.5
Cd: 0.05
Co: 0.02
Cr: 0.02
Cu: 0.02
Fe: 0.1
Ga: 0.02
Ge: 0.05
Hg: 0.05
In: 0.05
K: 0.1
Li: 0.05
Mg: 0.1
Mn: 0.02
Mo: 0.02
Na: 0.5
Ni: 0.02
P: 0.2
Pb: 0.1
Pt: 0.02
S: 0.2
Sb: 0.02
Si: 0.2
Sn: 0.1
Sr: 0.2
Ti: 0.02
Tl: 0.02
V: 0.02
Zn: 0.1
Zr: 0.02

HAZARD PICTOGRAMS	
UN:	1114
CLASS/PG:	3/II

ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	3
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS08 GHS02 GHS07
H PHRASES:	H350 H340 H225 H319 H315 H372 H304
P PHRASES:	P201 P202 P210 P233 P240 P241 P242 P243 P260 P264 P270 P280 P281 P301+P310 P302+P352 P303+P361+P353 P305+P351+P338 P307+P311 P308+P313 P321 P331

	P332+P313 P337+P313 P362 P370+P378 P403+P235 P405 P501
MASTER NAME:	Benzene
SYNONYMS LONG TEXT:	Benzol, Cyclohexatriene
EINECS:	200-753-7
CS:	2902 20 00 00
INDEX NR.:	601-020-00-8

Chlorobenzene, 99.5% for synthesis

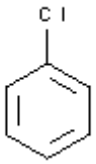
Benzene Chloride, mono-Chlorobenzene

Minimum assay (G.C.): 99.5%

CODE	**161953**
CAS	**108-90-7**
MOLECULAR FORMULA	**C_6H_5Cl**
MOLAR MASS	**112.56 g/mol**

Packs sizes (1)

	CODE	PACKAGING SIZE	
	CODE 161953.0714	PACKAGING SIZE 5 l	Product discontinued. Please check CAS-No. for alternative or contact our Customer Service.



Technical data

MELTING POINT:	-45 °C
BOILING POINT:	132 °C
DENSITY:	1.108 kg/l

SOLUBILITY:	Insoluble in water
REFRACTIVE INDEX:	20/D 1.5248
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	161953
PRODUCT NAME:	Chlorobenzene, 99.5% for synthesis
QUALITY NAME:	for synthesis
SPECIFICATIONS:	Minimum assay (G.C.): 99.5% Identity: IR passes test Density 20/4: 1.106-1.110 Acidity (as HCl): 0.01% Non-volatile matter: 0.002 % Water (H2O): 0.05 %

HAZARD PICTOGRAMS

UN:	1134
CLASS/PG:	3/III
ADR:	3/III
IMDG:	3/III
IATA:	3/III
WGK:	2
STORAGE:	Room Temperature.
SIGNAL WORD:	Warning
GHS SYMBOLS:	GHS02 GHS07 GHS09

H PHRASES:	H226 H332 H411 H315
P PHRASES:	P210 P233 P240 P241 P242 P501 P243 P261 P271 P273 P280 P303+P361+P353 P304+P340 P312 P370+P378 P391 P403+P235 P264 P302+P352 P321 P332+P313 P362

MASTER NAME:	Chlorobenzene
SYNONYMS LONG TEXT:	Benzene Chloride, mono-Chlorobenzene
EINECS:	203-628-5
CS:	2903 91 00 00
INDEX NR.:	602-033-00-1

Carbon Disulfide (Reag. USP) for analysis, ACS

Carbon Sulphide

Minimum assay (G.C.): 99.9%

CODE	**131244**
CAS	**75-15-0**
MOLECULAR FORMULA	**CS_2**
MOLAR MASS	**76.14 g/mol**

Packs sizes (1)

CODE	PACKAGING SIZE
CODE 131244.1611	PACKAGING SIZE 1000 ml

Technical data

MELTING POINT:	-111 °C
BOILING POINT:	46 °C
DENSITY:	1.264 kg/l
SOLUBILITY:	water 2.9 g/l at 20 °C
REFRACTIVE INDEX:	20/D 1.628
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	131244
PRODUCT NAME:	Carbon Disulfide (Reag. USP) for analysis, ACS
QUALITY NAME:	for analysis, ACS
SPECIFICATIONS:	Minimum assay (G.C.): 99.9% Identity: IR passes test

Maximum limit of impurities
APHA colour: 10
Non-volatile matter: 0.002 %
Sulfur Dioxide (SO2): 0.00025%
Benzene (G.C.): 0.003%
Hydrogen Sulphide (H2S): 0.00015%
Toluene (G.C.): 0.005%
Water (H2O): 0.01 %

Metals by ICP [in mg/Kg (ppm)]
Ag: 0.05
Al: 0.5
As: 0.05
Au: 0.05
B: 0.02
Ba: 0.1
Be: 0.02
Bi: 0.05
Ca: 0.5
Cd: 0.05
Co: 0.02
Cr: 0.02
Cu: 0.02
Fe: 0.1
Ga: 0.02
Ge: 0.05
Hg: 0.05
In: 0.05
K: 0.1
Li: 0.05
Mg: 0.1
Mn: 0.02
Mo: 0.02
Na: 0.5
Ni: 0.02

	P: 0.2 Pb: 0.1 Pt: 0.02 Sb: 0.02 Si: 0.2 Sn: 0.1 Sr: 0.2 Ti: 0.02 Tl: 0.02 V: 0.02 Zn: 0.1 Zr: 0.02
HAZARD PICTOGRAMS	
UN:	1131
CLASS/PG:	3(6.1)/I
ADR:	3(6.1)/I
IMDG:	3(6.1)/I
IATA:	3(6.1)/I
WGK:	2
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07 GHS08
H PHRASES:	H225 H319 H315 H372 H361fd H332

P PHRASES:	P210 P233 P240 P241 P242 P243 P260 P264 P270 P280 P302+P352 P303+P361+P353 P305+P351+P338 P314 P321 P332+P313 P337+P313 P362 P370+P378 P403+P235 P501

MASTER NAME:	Carbon Disulphide
SYNONYMS LONG TEXT:	Carbon Sulphide
EINECS:	200-843-6
CS:	2813 10 00 00
INDEX NR.:	006-003-00-3

Carbon Disulfide for UV, IR, HPLC

Carbon Sulphide

Minimum assay (G.C.): 99.9%

CODE	**361244**
CAS	**75-15-0**
MOLECULAR FORMULA	**CS_2**
MOLAR MASS	**76.14 g/mol**

Packs sizes (1)

	CODE	PACKAGING SIZE	
	CODE 361244.1611	PACKAGING SIZE 1000 ml	Product discontinued. Alternative 131244.1611 (please check specifications).

ⓘ Technical data

MELTING POINT:	-111 °C
BOILING POINT:	46 °C
DENSITY:	1.264 kg/l
SOLUBILITY:	water 2.9 g/l at 20 °C
REFRACTIVE INDEX:	20/D 1.628
PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	361244

PRODUCT NAME:	Carbon Disulfide for UV, IR, HPLC
QUALITY NAME:	for UV, IR, HPLC
SPECIFICATIONS:	Minimum assay (G.C.): 99.9% **Maximum limit of impurities** APHA colour: 10 Acidity: 0.0005 meq/g Alkalinity: 0.0002 meq/g Non-volatile matter: 0.0005 % Water (H2O): 0.005 % Suitability for IR spectrometry:: passes test UV Spectrum (1cm cell; Ref.: water): Transmittance at 385 (Cut off) nm: ≥10% Transmittance at 390 nm: ≥50% Transmittance at 400 nm: ≥80% Transmittance at 410 nm: ≥90% Transmittance at 420-500 nm: ≥98% Data of interest in HPLC: P' + 0,25 E: 1.7 Rohrschneider Polarity: 0.3 Eluotropic value e° (Al2O3): 0.15 Sol. H2O in solv. at 20°C: 0.005 For critical jobs, purge with nitrogen. Microfiltered product (0.2 µm) and bottled under nitrogen atmosphere.
HAZARD PICTOGRAMS	
UN:	1131
CLASS/PG:	3(6.1)/I
ADR:	3(6.1)/I
IMDG:	3(6.1)/I
IATA:	3(6.1)/I

WGK:	2
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07 GHS08
H PHRASES:	H225 H319 H315 H372 H361fd H332
P PHRASES:	P210 P233 P240 P241 P242 P243 P260 P264 P270 P280 P302+P352 P303+P361+P353 P305+P351+P338 P314 P321 P332+P313 P337+P313 P362 P370+P378 P403+P235 P501

MASTER NAME:	Carbon Disulphide
SYNONYMS LONG TEXT:	Carbon Sulphide
EINECS:	200-843-6

CS:	2813 10 00 00
INDEX NR.:	006-003-00-3

Carbon Disulfide, 99.5% for synthesis

Carbon Sulphide

Minimum assay (G.C.): 99.5%

CODE	**161244**
CAS	**75-15-0**
MOLECULAR FORMULA	**CS_2**
MOLAR MASS	**76.14 g/mol**

Packs sizes (1)

CODE	PACKAGING SIZE
CODE 161244.1611	PACKAGING SIZE 1000 ml

Technical data

MELTING POINT:	-111 °C
BOILING POINT:	46 °C
DENSITY:	1.264 kg/l
SOLUBILITY:	water 2.9 g/l at 20 °C
REFRACTIVE INDEX:	20/D 1.628
PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	161244

PRODUCT NAME:	Carbon Disulfide, 99.5% for synthesis
QUALITY NAME:	for synthesis
SPECIFICATIONS:	Minimum assay (G.C.): 99.5% Identity: IR passes test Water (H2O): 0.05 %

HAZARD PICTOGRAMS

UN:	1131
CLASS/PG:	3(6.1)/I
ADR:	3(6.1)/I
IMDG:	3(6.1)/I
IATA:	3(6.1)/I
WGK:	2
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07 GHS08
H PHRASES:	H225 H319 H315 H372 H361fd H332
P PHRASES:	P210 P233 P240 P241

	P242 P243 P260 P264 P270 P280 P302+P352 P303+P361+P353 P305+P351+P338 P314 P321 P332+P313 P337+P313 P362 P370+P378 P403+P235 P501

MASTER NAME:	Carbon Disulphide
SYNONYMS LONG TEXT:	Carbon Sulphide
EINECS:	200-843-6
CS:	2813 10 00 00
INDEX NR.:	006-003-00-3

Butanone (Methylethylketone) (Reag. USP, Ph. Eur.) for analysis, ACS

Ethyl Methyl Ketone, MEK, Methyl Ethyl Ketone

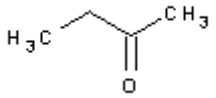
Minimum assay (G.C.): 99.5%

CODE	**131429**
CAS	**78-93-3**
MOLECULAR FORMULA	**$CH_3COCH_2CH_3$**
MOLAR MASS	**72.11 g/mol**

Packs sizes (4)

	CODE	PACKAGING SIZE
	CODE 131429.1611	PACKAGING SIZE 1000 ml
	CODE 131429.1612	PACKAGING SIZE 2.5 l
	CODE 131429.1214	PACKAGING SIZE 5 l
	CODE 131429.0719	PACKAGING SIZE 200 l

Product active until stock lasts.



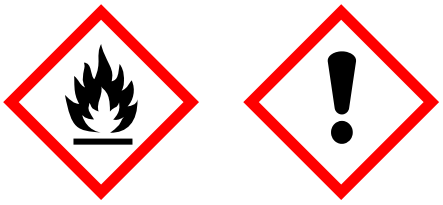
Technical data

MELTING POINT:	-86 °C
BOILING POINT:	79.6 °C
DENSITY:	0.806 kg/l
SOLUBILITY:	water 290 g/l at 20 °C
REFRACTIVE INDEX:	20/D 1.379
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	131429
PRODUCT NAME:	Butanone (Methylethylketone) (Reag. USP, Ph. Eur.) for analysis, ACS
QUALITY NAME:	for analysis, ACS
SPECIFICATIONS:	Minimum assay (G.C.): 99.5% Identity: IR passes test Density 20/20: 0.805-0.807 Range of Boiling: 79.0-81.0°C Maximum limit of impurities APHA colour: 15 Acidity: 0.0005 meq/g Insoluble matter in H2O: passes test Non-volatile matter: 0.001 % Acetone (G.C.): 0.05% 2-Butanol (G.C.): 0.02% 2-Methyl-2-Propanol (G.C.): 0.1% 2-Propanol (G.C.): 0.1% Mesityl oxide (G.C.): 0.05%

Methanol (G.C.): 0.05 %
Water (H2O): 0.1 %

Metals by ICP [in mg/Kg (ppm)]
Ag: 0.05
Al: 0.5
As: 0.05
Au: 0.05
B: 0.02
Ba: 0.1
Be: 0.02
Bi: 0.05
Ca: 0.5
Cd: 0.05
Co: 0.02
Cr: 0.02
Cu: 0.02
Fe: 0.1
Ga: 0.02
Ge: 0.05
Hg: 0.05
In: 0.05
K: 0.1
Li: 0.05
Mg: 0.1
Mn: 0.02
Mo: 0.02
Na: 0.5
Ni: 0.02
P: 0.2
Pb: 0.1
Pt: 0.02
S: 0.2
Sb: 0.02
Si: 0.2
Sn: 0.1
Sr: 0.2
Ti: 0.02
Tl: 0.1
V: 0.02
Zn: 0.1
Zr: 0.02

HAZARD PICTOGRAMS	
UN:	1193
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H319 EUH066 H336
P PHRASES:	P210 P233 P240 P241 P242 P501 P243 P261 P264 P271 P280 P303+P361+P353 P304+P340 P305+P351+P338 P312

	P337+P313 P370+P378 P403+P233 P403+P235 P405
MASTER NAME:	Butanone *(Methylethylketone)
SYNONYMS LONG TEXT:	Ethyl Methyl Ketone, MEK, Methyl Ethyl Ketone
EINECS:	201-159-0
CS:	2914 12 00 00
INDEX NR.:	606-002-00-3

Chloroform : Isoamyl Alcohol 24 : 1 *BioChemica*

CODE

A1935

Packs sizes (1)

	CODE	PACKAGING SIZE
	CODE A1935,0500	PACKAGING SIZE 500 ml

Technical data

PHYSICAL DESCRIPTION:	Liquid
PRODUCT CODE:	A1935
PRODUCT NAME:	Chloroform : Isoamyl Alcohol 24 : 1 *BioChemica*
SHORT DESCRIPTION:	additional product description: mixture of Chloroform : Isoamyl alcohol in the ratio 24 : 1
SPECIFICATIONS:	**Composition:** Chloroform: 960 ml/L Isoamyl alcohol: 40 ml/L
HAZARD PICTOGRAMS	
UN:	2810

CLASS/PG:	6.1/III
ADR:	6.1/III
IMDG:	6.1/III
IATA:	6.1/III
WGK:	3
STORAGE:	RT
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS06 GHS08
H PHRASES:	H302 H315 H319 H331 H351 H361d H372
P PHRASES:	P260 P280 P305+P351+P338 P403+P233 P405 P501

CS:	38221900

Chloroform stabilized with ~ 50 ppm of amylene (Reag. USP, Ph. Eur.) for analysis, ACS, BioChemica

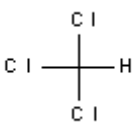
Chloroform

Minimum assay (G.C.): 99.8%

CODE	**133101**
CAS	**67-66-3**
MOLECULAR FORMULA	**$CHCl_3$**
MOLAR MASS	**119.38 g/mol**

Packs sizes (2)

	CODE	PACKAGING SIZE
	CODE 133101.1611	PACKAGING SIZE 1000 ml
	CODE 133101.1612	PACKAGING SIZE 2.5 l



Technical data

MELTING POINT:	-63 °C
BOILING POINT:	61 °C
DENSITY:	1.478 kg/l
SOLUBILITY:	water 8 g/l at 20 °C
REFRACTIVE INDEX:	20/D 1.4459
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	133101
PRODUCT NAME:	Chloroform stabilized with ~ 50 ppm of amylene (Reag. USP, Ph. Eur.) for analysis, ACS, BioChemica
QUALITY NAME:	for analysis, ACS, BioChemica
SPECIFICATIONS:	Minimum assay (G.C.): 99.8% Identity: IR passes test Density 20/4: >1.48 Suitability: for use in dithizone tests: passes test Maximum limit of impurities APHA colour: 10 Acidity: 0.00015 meq/g Alkalinity: 0.0005 meq/g Non-volatile matter: 0.0005 % Chlorine (Cl): 0.0005% Chloride (Cl): 0.00002% Carbonyl compounds (as CH3COCH3): 0.005% Carbon Tetrachloride (G.C.): 0.01% Dichloromethane (G.C.): 0.01% Phosgene (Cl2CO): 0.0001% Metallic impurities: passes test Tetrachloroethylene (G.C.): 0.01% Trichloroethylene (G.C.): 0.01% Water (H2O): 0.02 % UV Spectrum (1cm cell; Ref.: water): Transmittance at 255 nm: ≥50% Transmittance at 260 nm: ≥80%

Transmittance at 300 nm: ≥98%

Metals by ICP [in mg/Kg (ppm)]
Ag: 0.05
Al: 0.5
As: 0.05
Au: 0.05
B: 0.02
Ba: 0.1
Be: 0.02
Bi: 0.05
Ca: 0.5
Cd: 0.05
Co: 0.02
Cr: 0.02
Cu: 0.02
Fe: 0.1
Ga: 0.02
Ge: 0.05
Hg: 0.05
In: 0.05
K: 0.1
Li: 0.05
Mg: 0.1
Mn: 0.02
Mo: 0.02
Na: 0.5
Ni: 0.02
P: 0.2
Pb: 0.05
Pt: 0.02
S: 0.2
Sb: 0.02
Si: 0.2
Sn: 0.1
Sr: 0.2
Ti: 0.02
Tl: 0.02
V: 0.02
Zn: 0.05
Zr: 0.02

HAZARD PICTOGRAMS	
UN:	1888
CLASS/PG:	6.1/III
ADR:	6.1/III
IMDG:	6.1/III
IATA:	6.1/III
WGK:	3
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS06 GHS08
H PHRASES:	H302 H315 H351 H361d H331 H372 H319
P PHRASES:	P201 P202 P260 P264 P270 P280 P281 P301+P312 P302+P352 P308+P313 P314 P321

	P330 P332+P313 P362 P405 P501 P305+P351+P338 P337+P313 P261 P271 P311 P304+P340
MASTER NAME:	Trichloromethane *stabilized with amylene
SYNONYMS LONG TEXT:	Chloroform
EINECS:	200-663-8
CS:	2903 13 00 00
INDEX NR.:	602-006-00-4

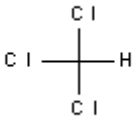
Chloroform *BioChemica*

Assay (GC): min. 99.5 %

CODE	**A3691**
CAS	**67-66-3**
MOLECULAR FORMULA	**$CHCl_3$**
MOLAR MASS	**119.38 g/mol**

Packs sizes (1)

	CODE	PACKAGING SIZE	
	CODE A3691,1000	PACKAGING SIZE 1 L	Product active until stock lasts.



Technical data

SOLUBILITY:	8 g/L (H_2O)
REFRACTIVE INDEX:	n20/D 1.4459
PHYSICAL DESCRIPTION:	Liquid
PRODUCT CODE:	A3691

PRODUCT NAME:	Chloroform *BioChemica*
SHORT DESCRIPTION:	Stabilization: stabilized with approx. 50 ppm Amylene
SPECIFICATIONS:	Assay (GC): min. 99.5 % Acidity/Alkalinity: max. 0.0005 meq/g Non-volatile matter: max. 0.0005 % C_2Cl_4: max. 0.005 % CCl_4: max. 0.005 % Dichloromethane: max. 0.005 % Water (K.F.): max. 0.02 % Chloride: max. 0.0002 % Cu: max. 0.000002 % Fe: max. 0.00001 % Pb: max. 0.00001 % Zn: max. 0.000005 %

HAZARD PICTOGRAMS	
UN:	1888
CLASS/PG:	6.1/III
ADR:	6.1/III
IMDG:	6.1/III
IATA:	6.1/III
WGK:	3
STORAGE:	RT
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS06 GHS08
H PHRASES:	H302

	H315 H319 H331 H351 H361d H372
P PHRASES:	P260 P280 P305+P351+P338 P403+P233 P405 P501
EINECS:	200-663-8
CS:	29031300
INDEX NR.:	602-006-00-4

Chlorobenzene pure

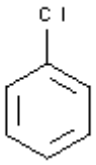
Benzene Chloride, mono-Chlorobenzene

Assay (G.C.): 99%

CODE	**141953**
CAS	**108-90-7**
MOLECULAR FORMULA	**C_6H_5Cl**
MOLAR MASS	**112.56 g/mol**

Packs sizes (1)

	CODE	PACKAGING SIZE	
	CODE 141953.1611	PACKAGING SIZE 1000 ml	Product active until stock lasts.



Technical data

MELTING POINT:	-45 °C
BOILING POINT:	132 °C
DENSITY:	1.108 kg/l
SOLUBILITY:	Insoluble in water

REFRACTIVE INDEX:	20/D 1.5248
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	141953
PRODUCT NAME:	Chlorobenzene pure
QUALITY NAME:	pure
SPECIFICATIONS:	Assay (G.C.): 99% Identity: IR passes test Density 20/4: 1.106-1.110 Acidity: 0.01 meq/g Non-volatile matter: 0.005 % Sulfur compounds (as CS2): 0.001 % 1,2-Dichlorobenzene (G.C.): 0.05% 1,3-Dichlorobenzene (G.C.): 0.05% 1,4-Dichlorobenzene (G.C.): 0.05% Benzene (G.C.): 0.05% Thiophene (C4H4S): 0.001% Water (H2O): 0.2 % Cu: 0,00002 % Fe: 0,00005 % Ni: 0,00002 % Pb: 0,00002 %

HAZARD PICTOGRAMS

UN:	1134
CLASS/PG:	3/III
ADR:	3/III
IMDG:	3/III
IATA:	3/III
WGK:	2
STORAGE:	Room Temperature.

SIGNAL WORD:	Warning
GHS SYMBOLS:	GHS02 GHS07 GHS09
H PHRASES:	H226 H332 H411 H315
P PHRASES:	P210 P233 P240 P241 P242 P501 P243 P261 P271 P273 P280 P303+P361+P353 P304+P340 P312 P370+P378 P391 P403+P235 P264 P302+P352 P321 P332+P313 P362

MASTER NAME:	Chlorobenzene
SYNONYMS LONG TEXT:	Benzene Chloride, mono-Chlorobenzene
EINECS:	203-628-5
CS:	2903 91 00 00
INDEX NR.:	602-033-00-1

Chlorobenzene / Acetic Acid 2:1 (Mixture TBN) (ASTM D2896) for analysis

CODE

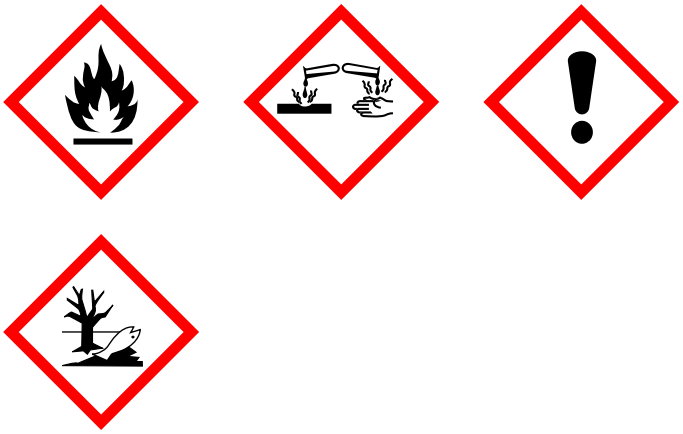
124856

Packs sizes (3)

	CODE	PACKAGING SIZE	
	CODE 124856.1611	PACKAGING SIZE 1000 ml	Product discontinued. Alternative 124856.1612 (please check specifications).
	CODE 124856.1612	PACKAGING SIZE 2.5 l	
	CODE 124856.0515	PACKAGING SIZE 10 l	

Technical data

DENSITY:	1.078 kg/l
PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	124856
PRODUCT NAME:	Chlorobenzene / Acetic Acid 2:1 (Mixture TBN) (ASTM D2896) for analysis
QUALITY NAME:	for analysis

SPECIFICATIONS:	COMPOSITION: Chlorobenzene: 667 ml Acetic Acid: 333 ml Identity: passes test Density 20/4: 1.075 - 1.080
HAZARD PICTOGRAMS	
UN:	2924
CLASS/PG:	3(8)/III
ADR:	3(8)/III
IMDG:	3(8)/III
IATA:	3(8)/III
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS05 GHS07 GHS09
H PHRASES:	H226 H314 H332 H411
P PHRASES:	P280 P303+P361+P353 P305+P351+P338

	P310 P321 P405 P501
MASTER NAME:	Mixture TBN
CS:	3822 90 00 00

Collodion flexible (BP) pharma grade

CODE

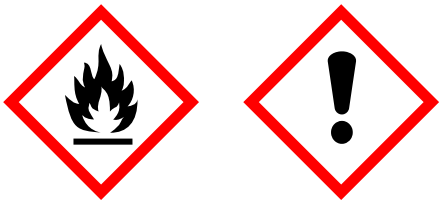
197175

Packs sizes (1)

	CODE	PACKAGING SIZE
	CODE 197175.0619	PACKAGING SIZE 200 l

Technical data

DENSITY:	0.78 kg/l
PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	197175
PRODUCT NAME:	Collodion flexible (BP) pharma grade
QUALITY NAME:	pharma grade
SPECIFICATIONS:	Identity according to Pharmacopoeia:: passes test Viscosity at 20°C: 300-385 cP * Maximum limit of impurities Appearance: passes test Residual solvents: passes test Ethanol (as v/v) (G.C.): 20-23% Elemental impurities according to ICH Q3D guide: No metal catalysts are used in the manufacturing process. Class 1-3 elements are not likely to be present above the limits of ICH Q3D option 1. * At the moment of the batch analysis

HAZARD PICTOGRAMS	
UN:	2059
CLASS/PG:	3/I
ADR:	3/I
IMDG:	3/I
IATA:	3/I
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H224 H317 H336
P PHRASES:	P210 P233 P240 P241 P242 P501 P261 P243 P264 P270 P271 P272 P280 P301+P312 P302+P352 P304+P340 P305+P351+P338 P312 P333+P313 P321

	P337+P313 P330 P363 P303+P361+P353 P370+P378 P403+P233 P405 P403+P235
MASTER NAME:	Collodion flexible
CS:	3912 20 11 00

Collodion Castor (Ph. Fr.) pharma grade

CODE

196073

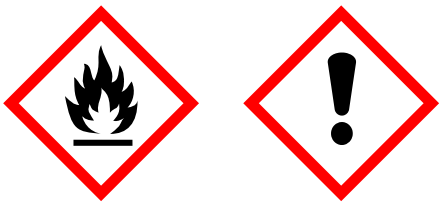
Packs sizes (1)

	CODE	PACKAGING SIZE
	CODE 196073.06189	PACKAGING SIZE 154 l

Technical data

BOILING POINT:	35.6 °C
DENSITY:	0.775 kg/l
PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	196073
PRODUCT NAME:	Collodion Castor (Ph. Fr.) pharma grade
QUALITY NAME:	pharma grade
SPECIFICATIONS:	Identity according to Pharmacopoeias:: passes test Density 25/4: 0.760 - 0.790 Viscosity 25°C: 200 - 400 cP* Maximum limit of impurities Non-volatile matter: 9.0 - 10.7 % Ethanol (G.C.) w/w: 18.0 - 22.0 % 2-Propanol (G.C.) w/w: 3.5 % Elemental impurities according to ICH Q3D guide: No metal catalysts are used in the manufacturing

process. Class 1-3 elements are not likely to be present above the limits of ICH Q3D option 1.
* At the moment of the batch analysis

HAZARD PICTOGRAMS	
UN:	2059
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 EUH019 H302 EUH066 H336
P PHRASES:	P210 P233 P240 P241 P242 P501 P243 P261 P264 P270 P271 P280

	P301+P312 P303+P361+P353 P304+P340 P312 P330 P370+P378 P403+P233 P403+P235 P405
MASTER NAME:	Collodion Castor
CS:	3912 20 11 90

Citrosol (Substitute of Xylene)(CE-IVD) for clinical diagnostics

CODE	**253139**
CAS	**5989-27-5**
MOLECULAR FORMULA	**$C_{10}H_{16}$**
MOLAR MASS	**136.24 g/mol**

Packs sizes (2)

	CODE	PACKAGING SIZE
	CODE 253139.1612	PACKAGING SIZE 2.5 l
	CODE 253139.1214	PACKAGING SIZE 5 l

ⓘ Technical data

MELTING POINT:	-74 °C
BOILING POINT:	176 °C
DENSITY:	0.842 kg/l
REFRACTIVE INDEX:	20/D 1.4743
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	253139
PRODUCT NAME:	Citrosol (Substitute of Xylene)(CE-IVD) for clinical diagnostics
QUALITY NAME:	for clinical diagnostics
HEADLINE COMMENT:	In Vitro Diagnostic medical device class A in compliance to the Regulation (EU) 2017/746.
SPECIFICATIONS:	Identity: IR passes test Density 20/4: 0.841-0.843 Specific rotation α 20/D (without dil.): +113 - +122° Maximum limit of impurities Water (H2O): 0.05 %

HAZARD PICTOGRAMS

UN:	2052
CLASS/PG:	3/III
ADR:	3/III
IMDG:	3/III
IATA:	3/III
WGK:	2
STORAGE:	Room Temperature.
SIGNAL WORD:	Warning
GHS SYMBOLS:	GHS02 GHS07 GHS09
H PHRASES:	H226

	H315 H317 H410
P PHRASES:	P210 P233 P240 P241 P242 P501 P243 P261 P264 P272 P273 P280 P302+P352 P303+P361+P353 P321 P332+P313 P333+P313 P362 P363 P370+P378 P391 P403+P235

MASTER NAME:	Citrosol (Substitute of Xylene)
EINECS:	227-813-5
CS:	2902 19 00 00
INDEX NR.:	601-029-00-7

Chloroform stabilized with ethanol pure

Chloroform

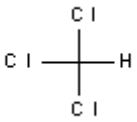
Assay (G.C.): 99.0%

CODE	**141252**
CAS	**67-66-3**
MOLECULAR FORMULA	**$CHCl_3$**
MOLAR MASS	**119.38 g/mol**

Packs sizes (3)

	CODE	PACKAGING SIZE
	CODE 141252.1611	PACKAGING SIZE 1000 ml
	CODE 141252.1612	PACKAGING SIZE 2.5 l
	CODE 141252.1714	PACKAGING SIZE 5 l

Product active until stock lasts.



Technical data

MELTING POINT:	-63 °C
BOILING POINT:	61 °C
DENSITY:	1.478 kg/l
SOLUBILITY:	water 8 g/l at 20 °C
REFRACTIVE INDEX:	20/D 1.4459
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	141252
PRODUCT NAME:	Chloroform stabilized with ethanol pure
QUALITY NAME:	pure
SPECIFICATIONS:	Assay (G.C.): 99.0% Minimum assay (G.C.) (stabilizer not included): 99.8% Identity: IR passes test Density 25/25: 1.476-1.486 Range of Distillation: 60-62°C Acidity or alkalinity: passes test Non-volatile matter: 0.002 % Darkened substances by H2SO4: passes test Chlorine Free (Cl): 0.001% Chloride (Cl): 0.0001% Carbonyl compounds: passes test Chlorate decomposition products: passes test Related substances: passes test Ethanol (G.C.): 0.5-0.8 % Phosgene (Cl2CO): 0.0005% Water (H2O): 0.05 % Cu: 0.00002 % Fe: 0.00002 % Ni: 0.00002 % Pb: 0.00002 %

HAZARD PICTOGRAMS	
UN:	1888
CLASS/PG:	6.1/III
ADR:	6.1/III
IMDG:	6.1/III
IATA:	6.1/III
WGK:	3
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS06 GHS08
H PHRASES:	H302 H315 H351 H361d H331 H372 H319
P PHRASES:	P201 P202 P260 P264 P270 P280 P281 P301+P312 P302+P352 P308+P313 P314 P321

	P330 P332+P313 P362 P405 P501 P305+P351+P338 P337+P313 P261 P271 P311 P304+P340
MASTER NAME:	Trichloromethane stabilized with ethanol
SYNONYMS LONG TEXT:	Chloroform
EINECS:	200-663-8
CS:	2903 13 00 00
INDEX NR.:	602-006-00-4

Chloroform stabilized with ethanol for UV, IR, HPLC

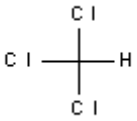
Chloroform

Minimum assay (G.C.): 99.0%

CODE	**361252**
CAS	**67-66-3**
MOLECULAR FORMULA	**$CHCl_3$**
MOLAR MASS	**119.38 g/mol**

Packs sizes (1)

CODE	PACKAGING SIZE
CODE 361252.1612	PACKAGING SIZE 2.5 l



Technical data

MELTING POINT:	-63 °C
BOILING POINT:	61 °C
DENSITY:	1.478 kg/l

SOLUBILITY:	water 8 g/l at 20 °C
REFRACTIVE INDEX:	20/D 1.4459
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	361252
PRODUCT NAME:	Chloroform stabilized with ethanol for UV, IR, HPLC
QUALITY NAME:	for UV, IR, HPLC
SPECIFICATIONS:	Minimum assay (G.C.): 99.0% Density 20/4: 1.476-1.486 Maximum limit of impurities APHA colour: 10 Acidity: 0.00015 meq/g Alkalinity: 0.0002 meq/g Non-volatile matter: 0.0003 % Ethanol (G.C.): 0.5-0.8 % Water (H2O): 0.01 % Suitability for IR spectrometry:: passes test Fluorescence at 254 nm (as quinine): 1 ppb Fluorescence at 365 nm (as quinine): 1 ppb UV Spectrum (1cm cell; Ref.: water): Transmittance at 244 (Cut off) nm: ≥10% Transmittance at 245 nm: ≥20% Transmittance at 250 nm: ≥50% Transmittance at 257 nm: ≥80% Transmittance at 260 nm: ≥85% Transmittance at 270 nm: ≥90% Transmittance at 280-400 nm: ≥98% Data of interest in HPLC: P' + 0,25 E: 5.6 Rohrschneider Polarity: 4.1 Eluotropic value e° (Al2O3): 0.4 Sol. H2O in solv. at 20°C: 0.072 For critical jobs, purge with nitrogen. Microfiltered product (0.2 µm) and bottled under nitrogen atmosphere.

HAZARD PICTOGRAMS	
UN:	1888
CLASS/PG:	6.1/III
ADR:	6.1/III
IMDG:	6.1/III
IATA:	6.1/III
WGK:	3
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS06 GHS08
H PHRASES:	H302 H315 H351 H361d H331 H372 H319
P PHRASES:	P201 P202 P260 P264 P270 P280 P281 P301+P312 P302+P352 P308+P313 P314 P321

	P330 P332+P313 P362 P405 P501 P305+P351+P338 P337+P313 P261 P271 P311 P304+P340
MASTER NAME:	Trichloromethane stabilized with ethanol
SYNONYMS LONG TEXT:	Chloroform
EINECS:	200-663-8
CS:	2903 13 00 00
INDEX NR.:	602-006-00-4

Cyclohexane for UV, IR, HPLC, ACS

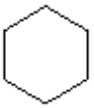
Hexahydrobenzene, Hexamethylene, Hexanaphtene

Minimum assay (G.C.): 99.9%

CODE	**361250**
CAS	**110-82-7**
MOLECULAR FORMULA	**C_6H_{12}**
MOLAR MASS	**84.16 g/mol**

Packs sizes (3)

	CODE	PACKAGING SIZE
	CODE 361250.1611	PACKAGING SIZE 1000 ml
	CODE 361250.1612	PACKAGING SIZE 2.5 l
	CODE 361250.0537	PACKAGING SIZE 30 l



Technical data

MELTING POINT:	6.47 °C
BOILING POINT:	80.7 °C
DENSITY:	0.778 kg/l
REFRACTIVE INDEX:	20/D 1.4266
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	361250
PRODUCT NAME:	Cyclohexane for UV, IR, HPLC, ACS
QUALITY NAME:	for UV, IR, HPLC, ACS
SPECIFICATIONS:	Minimum assay (G.C.): 99.9% Density 20/4: 0.776-0.780 Maximum limit of impurities APHA colour: 10 Acidity: 0.0002 meq/g Alkalinity: 0.0002 meq/g Non-volatile matter: 0.0003 % Darkened substances by H2SO4: passes test Water (H2O): 0.01 % Suitability for IR spectrometry:: passes test Fluorescence at 254 nm (as quinine): 1 ppb Fluorescence at 365 nm (as quinine): 1 ppb UV Spectrum (1cm cell; Ref.: water): Transmittance at 208 (Cut off) nm: ≥10% Transmittance at 210 nm: ≥15% Transmittance at 220 nm: ≥50% Transmittance at 230 nm: ≥80% Transmittance at 240 nm: ≥90% Transmittance at 250 nm: ≥98% Transmittance at 260-400 nm: ≥99% Data of interest in HPLC: P' + 0,25 E: 0.5 Rohrschneider Polarity: -0.2 Eluotropic value e° (Al2O3): 0.4 Sol. H2O in solv. at 20°C: 0.012 For critical jobs, purge with nitrogen.

	Microfiltered product (0.2 µm) and bottled under nitrogen atmosphere.
HAZARD PICTOGRAMS	
UN:	1145
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07 GHS08 GHS09
H PHRASES:	H225 H315 H304 H336 H410
P PHRASES:	P210 P243 P280 P301+P310 P331

	P303+P361+P353 P332+P313 P273 P391 P501

MASTER NAME:	Cyclohexane
SYNONYMS LONG TEXT:	Hexahydrobenzene, Hexamethylene, Hexanaphtene
EINECS:	203-806-2
CS:	2902 11 00 00
INDEX NR.:	601-017-00-1

Cyclohexane for pesticide analysis

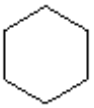
Hexahydrobenzene, Hexamethylene, Hexanaphtene

Minimum assay (G.C.): 99.8%

CODE	**321250**
CAS	**110-82-7**
MOLECULAR FORMULA	**C_6H_{12}**
MOLAR MASS	**84.16 g/mol**

Packs sizes (3)

	CODE	PACKAGING SIZE	
	CODE 321250.1612	PACKAGING SIZE 2.5 l	
	CODE 321250.16153	PACKAGING SIZE 4 l	Product active until stock lasts.
	CODE 321250.0515	PACKAGING SIZE 10 l	

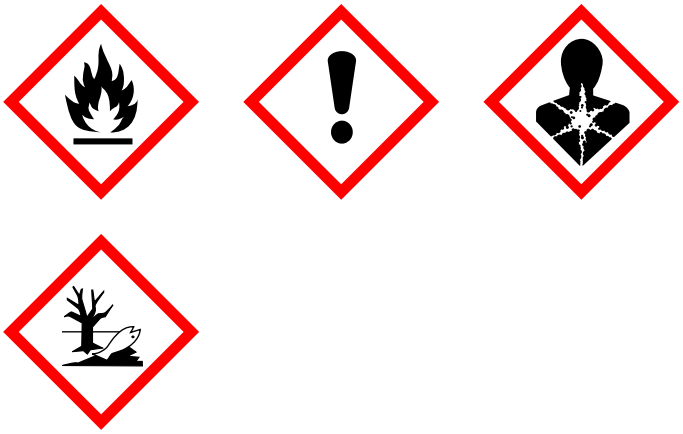


Technical data

MELTING POINT:	6.47 °C
BOILING POINT:	80.7 °C
DENSITY:	0.778 kg/l
REFRACTIVE INDEX:	20/D 1.4266
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	321250
PRODUCT NAME:	Cyclohexane for pesticide analysis
QUALITY NAME:	for pesticide analysis
SPECIFICATIONS:	Minimum assay (G.C.): 99.8% Identity: IR passes test Density 20/4: 0.776-0.780 Maximum limit of impurities APHA colour: 10 Acidity: 0.0003 meq/g Non-volatile matter: 0.0005 % Water (H2O): 0.01 % Signal ECD of pesticide (Lindane a DDT) (as Lindane): 5 ng/l Signal FID of 2-Octanol to Tetradecanol (as 2-Octanol): passes test

HAZARD PICTOGRAMS



UN:	1145
CLASS/PG:	3/II

ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07 GHS08 GHS09
H PHRASES:	H225 H315 H304 H336 H410
P PHRASES:	P210 P243 P280 P301+P310 P331 P303+P361+P353 P332+P313 P273 P391 P501

MASTER NAME:	Cyclohexane
SYNONYMS LONG TEXT:	Hexahydrobenzene, Hexamethylene, Hexanaphtene
EINECS:	203-806-2
CS:	2902 11 00 00
INDEX NR.:	601-017-00-1

Collodion solution 4% w/v (USP) pure, pharma grade

Minimum assay (w/w): 5.0%

CODE

141278

Packs sizes (3)

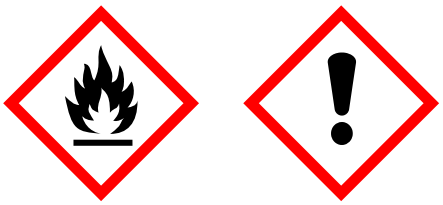
	CODE	PACKAGING SIZE
	CODE 141278.1609	PACKAGING SIZE 250 ml
	CODE 141278.1611	PACKAGING SIZE 1000 ml
	CODE 141278.0616	PACKAGING SIZE 25 l

Technical data

BOILING POINT:	34.6 °C 1,000 hPa
DENSITY:	0.770 kg/l
SOLUBILITY:	Inmiscible with water.
PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	141278
PRODUCT NAME:	Collodion solution 4% w/v (USP) pure, pharma

	grade
QUALITY NAME:	pure, pharma grade
SPECIFICATIONS:	Minimum assay (w/w): 5.0% Identity according to Pharmacopoeias:: passes test Density 25/25: 0.765-0.775 Maximum limit of impurities Acidity: passes test Residual solvents (USP): passes test Ethanol: 22.0-26.0 % Elemental impurities according to ICH Q3D guide: No metal catalysts are used in the manufacturing process. Class 1-3 elements are not likely to be present above the limits of ICH Q3D option 1.

HAZARD PICTOGRAMS



UN:	2059
CLASS/PG:	3/I
ADR:	3/I
IMDG:	3/I
IATA:	3/I
STORAGE:	Storage below 30°C
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H224 EUH019 H302 EUH066 H336

P PHRASES:	P210 P233 P240 P241 P242 P501 P243 P261 P264 P270 P271 P280 P301+P312 P303+P361+P353 P304+P340 P312 P330 P370+P378 P403+P233 P403+P235 P405
MASTER NAME:	Collodion solution
CS:	3912 20 11 90

Collodion solution 4-8% technical grade

CODE

211278

Packs sizes (1)

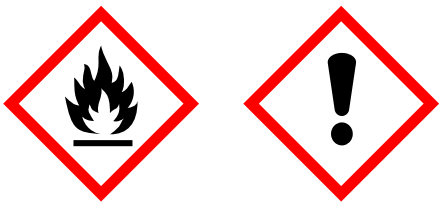
	CODE	PACKAGING SIZE
	CODE 211278.1611	PACKAGING SIZE 1000 ml

Technical data

BOILING POINT:	34.6 °C 1,000 hPa
DENSITY:	0.770 kg/l
SOLUBILITY:	Inmiscible with water.
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	211278
PRODUCT NAME:	Collodion solution 4-8% technical grade
QUALITY NAME:	technical grade
SPECIFICATIONS:	Density 25/25: 0.765-0.775

HAZARD PICTOGRAMS



UN:	2059
CLASS/PG:	3/I
ADR:	3/I
IMDG:	3/I
IATA:	3/I
STORAGE:	Storage below 30°C
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H224 EUH019 H302 EUH066 H336
P PHRASES:	P210 P233 P240 P241 P242 P501 P243 P261 P264 P270 P271 P280 P301+P312 P303+P361+P353 P304+P340 P312 P330 P370+P378 P403+P233 P403+P235 P405

MASTER NAME:	Collodion solution
CS:	3912 20 11 90

Collodion flexible technical grade

CODE

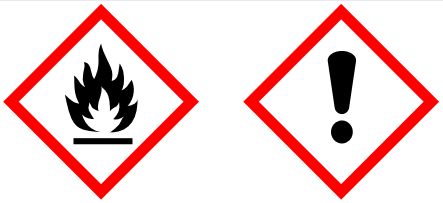
211279

Packs sizes (3)

	CODE	PACKAGING SIZE	
	CODE 211279.1609	PACKAGING SIZE 250 ml	
	CODE 211279.1611	PACKAGING SIZE 1000 ml	
	CODE 211279.0619	PACKAGING SIZE 200 l	Product discontinued. Please check CAS-No. for alternative or contact our Customer Service.

Technical data

BOILING POINT:	34.6 °C 1,000 hPa
DENSITY:	0.783 kg/l
PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	211279
PRODUCT NAME:	Collodion flexible technical grade
QUALITY NAME:	technical grade
SPECIFICATIONS:	Density 25/4: 0.775-0.790

HAZARD PICTOGRAMS	
UN:	2059
CLASS/PG:	3/I
ADR:	3/I
IMDG:	3/I
IATA:	3/I
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H224 H336 H302 EUH019 EUH066
P PHRASES:	P210 P233 P240 P241 P242 P501 P243 P261 P264 P270 P271 P280 P301+P312 P303+P361+P353 P304+P340 P312

	P330 P370+P378 P403+P233 P403+P235 P405
MASTER NAME:	Collodion flexible
CS:	3912 20 11 90

Di-Isopropyl Ether stabilized with ~ 50 ppm of BHT for analysis, ACS

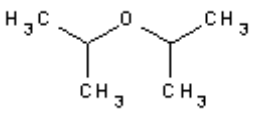
2,2 -Oxibispropane, 2-iso-Propoxipropane, Diisopropyl Ether, Isopropyl Ether, iso-Propyl Ether

Minimum assay (G.C.): 99.0%

CODE	**131314**
CAS	**108-20-3**
MOLECULAR FORMULA	**$(CH_3)_2CHOCH(CH_3)_2$**
MOLAR MASS	**102.18 g/mol**

Packs sizes (2)

	CODE	PACKAGING SIZE
	CODE 131314.1611	PACKAGING SIZE 1000 ml
	CODE 131314.1612	PACKAGING SIZE 2.5 l

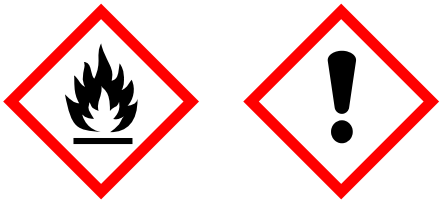


ⓘ Technical data

MELTING POINT:	-85.9 °C
BOILING POINT:	68 °C
DENSITY:	0.721 kg/l
SOLUBILITY:	water 12 g/l at 20 °C
REFRACTIVE INDEX:	20/D 1.3679
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	131314
PRODUCT NAME:	Di-Isopropyl Ether stabilized with ~ 50 ppm of BHT for analysis, ACS
QUALITY NAME:	for analysis, ACS
SPECIFICATIONS:	Minimum assay (G.C.): 99.0% Identity: IR passes test Density 20/4: 0.720-0.723 Maximum limit of impurities APHA colour: 25 Acidity: 0.0004 meq/g Non-volatile matter: 0.005 % Peroxides (as H2O2): 0.005 %* Acetone (G.C.): 0.05% 2-Propanol (G.C.): 0.3% Water (H2O): 0.1 % Metals by ICP [in mg/Kg (ppm)] Ag: 0.05 Al: 0.5 As: 0.1 Au: 0.05 B: 0.02 Ba: 0.1 Be: 0.02 Bi: 0.05 Ca: 0.5 Cd: 0.05

Co: 0.02
Cr: 0.02
Cu: 0.02
Fe: 0.1
Ge: 0.05
Hg: 0.05
In: 0.05
K: 0.1
Li: 0.05
Mg: 0.1
Mn: 0.02
Mo: 0.02
Na: 0.5
Ni: 0.02
P: 0.2
Pb: 0.1
Pt: 0.05
Sb: 0.02
Si: 0.2
Sn: 0.1
Sr: 0.2
Ti: 0.02
Tl: 0.02
V: 0.02
Zn: 0.1
Zr: 0.02
* At the moment of the batch analysis.

HAZARD PICTOGRAMS	
UN:	1159
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1

STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 EUH019 EUH066 H336
P PHRASES:	P210 P233 P240 P241 P242 P501 P243 P261 P271 P280 P303+P361+P353 P304+P340 P312 P370+P378 P403+P233 P403+P235 P405

MASTER NAME:	Di-Isopropyl Ether *stabilized with BHT
SYNONYMS LONG TEXT:	2,2 -Oxibispropane, 2-iso-Propoxipropane, Diisopropyl Ether, Isopropyl Ether, iso-Propyl Ether
EINECS:	203-560-6
CS:	2909 19 90 90
INDEX NR.:	603-045-00-X

Davidson - Solution

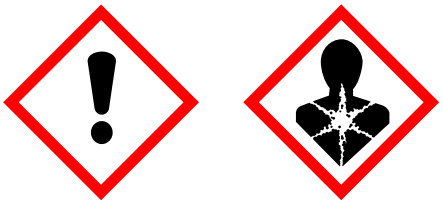
CODE

A3200

Packs sizes (1)

	CODE	PACKAGING SIZE
	CODE A3200,1000	PACKAGING SIZE 1 L

Technical data

PHYSICAL DESCRIPTION:	Liquid
PRODUCT CODE:	A3200
PRODUCT NAME:	Davidson - Solution
SPECIFICATIONS:	**Composition:** Deionized water: 347 ml/L Acetic acid 100 %: 111 ml/L Ethanol 99 %: 320 ml/L Formaldehyde - Solution 10 % phosphate buffered: 222 ml/L
HAZARD PICTOGRAMS	
UN:	3265
CLASS/PG:	8/III

ADR:	8/III
IMDG:	8/III
IATA:	8/III
WGK:	3
STORAGE:	RT
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS07 GHS08
H PHRASES:	H315 H317 H319 H341 H350
P PHRASES:	P261 P280 P305+P351+P338 P308+P313 P405 P501
CS:	38221900

Cyclohexanone, 99.5% for synthesis

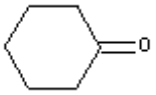
Ketohexamethylene, Pimelic Ketone

Minimum assay (G.C.): 99.5%

CODE	**161890**
CAS	**108-94-1**
MOLECULAR FORMULA	**$CH_2(CH_2)_4CO$**
MOLAR MASS	**98.14 g/mol**

Packs sizes (2)

	CODE	PACKAGING SIZE
	CODE 161890.1611	PACKAGING SIZE 1000 ml
	CODE 161890.1714	PACKAGING SIZE 5 l

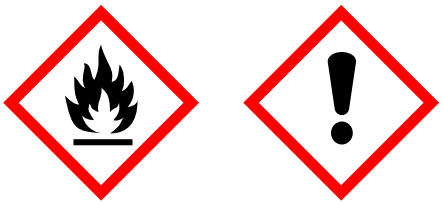


Technical data

MELTING POINT:	-16.4 °C
BOILING POINT:	155.6 °C

DENSITY:	0.947 kg/l
SOLUBILITY:	water 150 g/l
REFRACTIVE INDEX:	20/D 1.4507
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	161890
PRODUCT NAME:	Cyclohexanone, 99.5% for synthesis
QUALITY NAME:	for synthesis
SPECIFICATIONS:	Minimum assay (G.C.): 99.5% Identity: IR passes test Density 20/4: 0.945-0.948 Water (H2O): 0.1 %

HAZARD PICTOGRAMS	
UN:	1915
CLASS/PG:	3/III
ADR:	3/III
IMDG:	3/III
IATA:	3/III
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Warning
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	

	H226 H302+H312+H332
P PHRASES:	P210 P233 P240 P241 P242 P501 P243 P261 P271 P280 P303+P361+P353 P304+P340 P312 P370+P378 P403+P235

MASTER NAME:	Cyclohexanone
SYNONYMS LONG TEXT:	Ketohexamethylene, Pimelic Ketone
EINECS:	203-631-1
CS:	2914 22 00 00
INDEX NR.:	606-010-00-7

Cyclohexane, 99.5% for synthesis

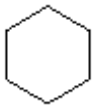
Hexahydrobenzene, Hexamethylene, Hexanaphtene

Minimum assay (G.C.): 99.5%

CODE	**161250**
CAS	**110-82-7**
MOLECULAR FORMULA	**C_6H_{12}**
MOLAR MASS	**84.16 g/mol**

Packs sizes (2)

	CODE	PACKAGING SIZE	
	CODE 161250.1714	PACKAGING SIZE 5 l	
	CODE 161250.0515	PACKAGING SIZE 10 l	Product active until stock lasts.



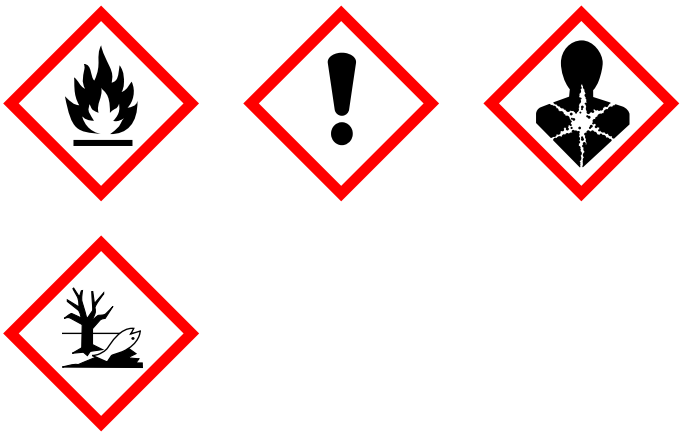
Technical data

MELTING POINT:	6.47 °C
BOILING POINT:	80.7 °C

DENSITY:	0.778 kg/l
REFRACTIVE INDEX:	20/D 1.4266
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	161250
PRODUCT NAME:	Cyclohexane, 99.5% for synthesis
QUALITY NAME:	for synthesis
SPECIFICATIONS:	Minimum assay (G.C.): 99.5% Identity: IR passes test Density 20/4: 0.776-0.780 Acidity: 0.005 meq/g Non-volatile matter: 0.005 % Water (H2O): 0.02 %

HAZARD PICTOGRAMS



UN:	1145
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1
STORAGE:	Room Temperature.

SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07 GHS08 GHS09
H PHRASES:	H225 H315 H304 H336 H410
P PHRASES:	P210 P243 P280 P301+P310 P331 P303+P361+P353 P332+P313 P273 P391 P501

MASTER NAME:	Cyclohexane
SYNONYMS LONG TEXT:	Hexahydrobenzene, Hexamethylene, Hexanaphtene
EINECS:	203-806-2
CS:	2902 11 00 00
INDEX NR.:	601-017-00-1

Cyclohexane (Reag. USP, Ph. Eur.) for analysis, ACS, ISO

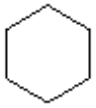
Hexahydrobenzene, Hexamethylene, Hexanaphtene

Minimum assay (G.C.): 99.5%

CODE	**131250**
CAS	**110-82-7**
MOLECULAR FORMULA	**C_6H_{12}**
MOLAR MASS	**84.16 g/mol**

Packs sizes (4)

	CODE	PACKAGING SIZE
	CODE 131250.1611	PACKAGING SIZE 1000 ml
	CODE 131250.1612	PACKAGING SIZE 2.5 l
	CODE 131250.0316	PACKAGING SIZE 25 l
	CODE 131250.0537	PACKAGING SIZE 30 l



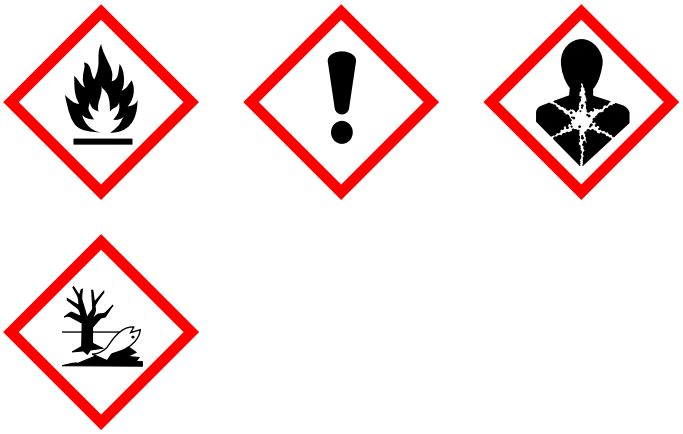
Technical data

MELTING POINT:	6.47 °C
BOILING POINT:	80.7 °C
DENSITY:	0.778 kg/l
REFRACTIVE INDEX:	20/D 1.4266
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	131250
PRODUCT NAME:	Cyclohexane (Reag. USP, Ph. Eur.) for analysis, ACS, ISO
QUALITY NAME:	for analysis, ACS, ISO
SPECIFICATIONS:	Minimum assay (G.C.): 99.5% Identity: IR passes test Density 20/4: 0.776-0.780 Freezing point: >6.0°C Maximum limit of impurities APHA colour: 10 Acidity: 0.0003 meq/g Non-volatile matter: 0.001 % Reducing substance to KMnO4: passes test Darkened substances by H2SO4: passes test Sulfur compounds (as S): 0.002 % Aromatic compounds (U.V.) (as C6H6): 0.01% Cyclohexene (G.C.): 0.01% Cyclopentane (G.C.): 0.05% Methylcyclohexane (G.C.): 0.05% Thiophene: passes test

Water (H2O): 0.01 %

Metals by ICP [in mg/Kg (ppm)]
Ag: 0.05
Al: 0.5
As: 0.05
Au: 0.05
B: 0.02
Ba: 0.1
Be: 0.02
Bi: 0.05
Ca: 0.5
Cd: 0.05
Co: 0.02
Cr: 0.02
Cu: 0.02
Fe: 0.1
Ga: 0.02
Ge: 0.05
Hg: 0.05
In: 0.05
K: 0.1
Li: 0.05
Mg: 0.1
Mn: 0.02
Mo: 0.02
Na: 0.5
Ni: 0.02
P: 0.2
Pb: 0.05
Pt: 0.02
S: 0.2
Sb: 0.02
Si: 0.2
Sn: 0.1
Sr: 0.2
Ti: 0.02
Tl: 0.02
V: 0.02
Zn: 0.1
Zr: 0.02

HAZARD PICTOGRAMS	
UN:	1145
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07 GHS08 GHS09
H PHRASES:	H225 H315 H304 H336 H410
P PHRASES:	P210 P243 P280 P301+P310 P331 P303+P361+P353 P332+P313

	P273 P391 P501
MASTER NAME:	Cyclohexane
SYNONYMS LONG TEXT:	Hexahydrobenzene, Hexamethylene, Hexanaphtene
EINECS:	203-806-2
CS:	2902 11 00 00
INDEX NR.:	601-017-00-1

Dichloromethane stabilized with ~ 20 ppm of amylene (Reag. USP, Ph. Eur.) for analysis, ACS, ISO

Methylene Chloride, Methylene Dichloride

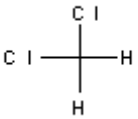
Minimum assay (G.C.): 99.8%

CODE	**131254**
CAS	**75-09-2**
MOLECULAR FORMULA	**CH_2Cl_2**
MOLAR MASS	**84.93 g/mol**

Packs sizes (7)

	CODE	PACKAGING SIZE
	131254.1611	1000 ml
	131254.1612	2.5 l
	131254.1714	5 l
	131254.0515	10 l

	CODE	PACKAGING SIZE
	131254.0537	30 l
	CODE	PACKAGING SIZE
	131254.0519	200 l
	CODE	PACKAGING SIZE
	131254.0619	200 l



Technical data

MELTING POINT:	-95 °C
BOILING POINT:	39.75 °C
DENSITY:	1.324 kg/l
SOLUBILITY:	water 20 g/l at 20 °C
REFRACTIVE INDEX:	20/D 1.4244
PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	131254
PRODUCT NAME:	Dichloromethane stabilized with ~ 20 ppm of amylene (Reag. USP, Ph. Eur.) for analysis, ACS, ISO
QUALITY NAME:	for analysis, ACS, ISO

SPECIFICATIONS:

Minimum assay (G.C.): 99.8%
Identity: IR passes test
Density 20/4: 1.323-1.325
Range of Boiling: 39.5 - 40.5 °C

Maximum limit of impurities
APHA colour: 10
Acidity: 0.0002 meq/g
Alkalinity: 0.0002 meq/g
Non-volatile matter: 0.001 %
Darkened substances by H2SO4: passes test
Chlorine (Cl): 0.0001%
Chloride (Cl): 0.0001%
Carbon Tetrachloride (G.C.): 0.005%
Ethanol (G.C.): 0.02%
Formaldehyde (HCHO): 0.0001%
Trichloromethane (G.C.): 0.005%
Methanol (G.C.): 0.1 %
Water (H2O): 0.01 %

Metals by ICP [in mg/Kg (ppm)]
Ag: 0.05
Al: 0.5
As: 0.05
Au: 0.05
B: 0.02
Ba: 0.1
Be: 0.02
Bi: 0.05
Ca: 0.5
Cd: 0.05
Co: 0.02
Cr: 0.02
Cu: 0.02
Fe: 0.1
Ga: 0.02
Ge: 0.05
Hg: 0.05
In: 0.05
K: 0.1
Li: 0.05
Mg: 0.1
Mn: 0.02
Mo: 0.02

	Na: 0.5 Ni: 0.02 P: 0.2 Pb: 0.1 Pt: 0.02 Sb: 0.02 Si: 0.2 Sn: 0.1 Sr: 0.2 Ti: 0.02 Tl: 0.02 V: 0.02 Zn: 0.1 Zr: 0.02
HAZARD PICTOGRAMS	
UN:	1593
CLASS/PG:	6.1/III
ADR:	6.1/III
IMDG:	6.1/III
IATA:	6.1/III
WGK:	2
STORAGE:	Storage away from direct light.
SIGNAL WORD:	Warning
GHS SYMBOLS:	GHS08
H PHRASES:	H351
P PHRASES:	P201 P202 P281 P308+P313

	P405 P501
MASTER NAME:	Dichloromethane *stabilized with amylene
SYNONYMS LONG TEXT:	Methylene Chloride, Methylene Dichloride
EINECS:	200-838-9
CS:	2903 12 00 00
INDEX NR.:	602-004-00-3

Dichloromethane dry (max. 0.005% water) stabilized with ~ 20 ppm of amylene , ACS, ISO

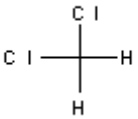
Methylene Chloride, Methylene Dichloride

Minimum assay (G.C.): 99.9%

CODE	**481254**
CAS	**75-09-2**
MOLECULAR FORMULA	**CH_2Cl_2**
MOLAR MASS	**84.93 g/mol**

Packs sizes (1)

	CODE	PACKAGING SIZE	
	CODE 481254.1611	PACKAGING SIZE 1000 ml	Product active until stock lasts.



Technical data

MELTING POINT:	-95 °C
BOILING POINT:	39.75 °C

DENSITY:	1.324 kg/l
SOLUBILITY:	water 20 g/l at 20 °C
REFRACTIVE INDEX:	20/D 1.4244
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	481254
PRODUCT NAME:	Dichloromethane dry (max. 0.005% water) stabilized with ~ 20 ppm of amylene , ACS, ISO
QUALITY NAME:	, ACS, ISO
SPECIFICATIONS:	Minimum assay (G.C.): 99.9% Identity: IR passes test Density 20/4: 1.323-1.325 Maximum limit of impurities APHA colour: 10 Acidity: 0.0003 meq/g Non-volatile matter: 0.001 % Darkened substances by H2SO4: passes test Chlorine (Cl): 0.0001% Chloride (Cl): 0.0001% Carbon Tetrachloride (G.C.): 0.01% Ethanol (G.C.): 0.05% Formaldehyde (HCHO): 0.0001% Trichloroethylene (G.C.): 0.05% Water (H2O): 0.005 % Metals by ICP [in mg/Kg (ppm)] Ag: 0.05 Al: 0.5 As: 0.05 Au: 0.05 B: 0.02 Ba: 0.1 Be: 0.02 Bi: 0.05 Ca: 0.5 Cd: 0.05 Co: 0.02

	Cr: 0.02 Cu: 0.02 Fe: 0.1 Ga: 0.02 Ge: 0.05 Hg: 0.05 In: 0.05 K: 0.1 Li: 0.05 Mg: 0.1 Mn: 0.02 Mo: 0.02 Na: 0.5 Ni: 0.02 P: 0.2 Pb: 0.1 Pt: 0.02 Sb: 0.02 Si: 0.2 Sn: 0.1 Sr: 0.2 Ti: 0.02 Tl: 0.02 V: 0.02 Zn: 0.1 Zr: 0.02
HAZARD PICTOGRAMS	
UN:	1593
CLASS/PG:	6.1/III
ADR:	6.1/III
IMDG:	6.1/III
IATA:	6.1/III
WGK:	2

STORAGE:	Storage away from direct light.
SIGNAL WORD:	Warning
GHS SYMBOLS:	GHS08
H PHRASES:	H351
P PHRASES:	P201 P202 P281 P308+P313 P405 P501

MASTER NAME:	Dichloromethane *stabilized with amylene
SYNONYMS LONG TEXT:	Methylene Chloride, Methylene Dichloride
EINECS:	200-838-9
CS:	2903 12 00 00
INDEX NR.:	602-004-00-3

Di-n-Butylamine, 99% for synthesis

Dibutylamine

Minimum assay (G.C.): 99%

CODE	**15A777**
CAS	**111-92-2**
MOLECULAR FORMULA	**$(C_4H_9)_2NH$**
MOLAR MASS	**129.25 g/mol**

Packs sizes (1)

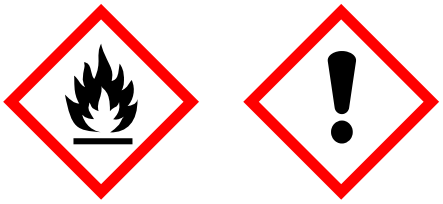
	CODE	PACKAGING SIZE	
	CODE 15A777.1611	PACKAGING SIZE 1000 ml	Product discontinued. Please check CAS-No. for alternative or contact our Customer Service.

ⓘ Technical data

MELTING POINT:	-51 °C
BOILING POINT:	161 °C
DENSITY:	0.759 kg/l
SOLUBILITY:	water 50 g/l at 20 °C
REFRACTIVE INDEX:	20/D 1.4168
PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	15A777

PRODUCT NAME:	Di-n-Butylamine, 99% for synthesis
QUALITY NAME:	for synthesis
SPECIFICATIONS:	Minimum assay (G.C.): 99% Identity: IR passes test Density 20/4: 0.758-0.760 Water (H2O): 0.2 %

HAZARD PICTOGRAMS



UN:	2248
CLASS/PG:	8(3)/II
ADR:	8(3)/II
IMDG:	8(3)/II
IATA:	8(3)/II
WGK:	3
STORAGE:	Room Temperature.
SIGNAL WORD:	Warning
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H226 H332 H312 H302
P PHRASES:	P210 P233 P240 P241 P242 P501

	P243 P261 P264 P270 P271 P280 P301+P312 P302+P352 P303+P361+P353 P304+P340 P312 P322 P330 P363 P370+P378 P403+P235

MASTER NAME:	Di-n-Butylamine
SYNONYMS LONG TEXT:	Dibutylamine
EINECS:	203-921-8
CS:	2921 19 99 90
INDEX NR.:	612-049-00-0

Di-n-Butyl Phthalate pure

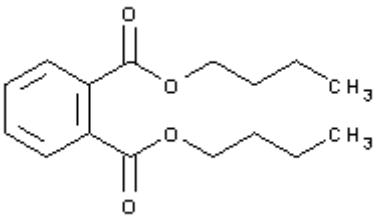
DBP, n-Butyl Phtalate, Phthalic Acid Dibutyl Esther

Assay (G.C.): 98%

CODE	**141937**
CAS	**84-74-2**
MOLECULAR FORMULA	**$(C_4H_9OOC)_2C_6H_4$**
MOLAR MASS	**278.35 g/mol**

Packs sizes (1)

	CODE	PACKAGING SIZE	
	CODE 141937.0716	PACKAGING SIZE 25 l	Product discontinued. Please check CAS-No. for alternative or contact our Customer Service.



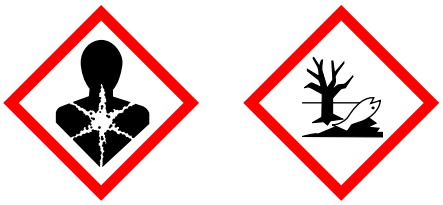
ⓘ Technical data

MELTING POINT:	-35 °C
BOILING POINT:	340 °C
DENSITY:	1.047 kg/l

SOLUBILITY:	water 0.4 g/l at 20 °C
REFRACTIVE INDEX:	20/D 1.492
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	141937
PRODUCT NAME:	Di-n-Butyl Phthalate pure
QUALITY NAME:	pure
SPECIFICATIONS:	Assay (G.C.): 98% Identity: IR passes test Density 20/20: 1.045-1.048 Acidity (as C8H6O2): 0.02% Residue on ignition (as SO4): 0.01 % 1-Butanol (G.C.): 0.2% Water (H2O): 0.2 % Cu: 0.00002 % Fe: 0.00005 % Ni: 0.00002 % Pb: 0.00002 %

HAZARD PICTOGRAMS



UN:	3082
CLASS/PG:	9/III
ADR:	9/III
IMDG:	9/III
IATA:	9/III
WGK:	3
STORAGE:	Room Temperature.

SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS08 GHS09
H PHRASES:	H360Df H400
P PHRASES:	P201 P202 P273 P281 P308+P313 P501 P391 P405

MASTER NAME:	Di-n-Butyl Phthalate
SYNONYMS LONG TEXT:	DBP, n-Butyl Phtalate, Phthalic Acid Dibutyl Esther
EINECS:	201-557-4
CS:	2917 34 00 90
INDEX NR.:	607-318-00-4

Di-Isopropylamine, 99% for synthesis

Di-2-Propylamine, Diisopropylamine, N-(1-Methylethyl)-2-Propanamine

Minimum assay (G.C.): 99%

CODE	**15A771**
CAS	**108-18-9**
MOLECULAR FORMULA	**$C_6H_{15}N$**
MOLAR MASS	**101.19 g/mol**

Packs sizes (3)

	CODE	PACKAGING SIZE	
	CODE 15A771.1611	PACKAGING SIZE 1000 ml	
	CODE 15A771.1214	PACKAGING SIZE 5 l	Product active until stock lasts.
	CODE 15A771.0716	PACKAGING SIZE 25 l	

ⓘ Technical data

MELTING POINT:	-96 °C
BOILING POINT:	84 °C
DENSITY:	0.716 kg/l

REFRACTIVE INDEX:	20/D 1.3915
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	15A771
PRODUCT NAME:	Di-Isopropylamine, 99% for synthesis
QUALITY NAME:	for synthesis
SPECIFICATIONS:	Minimum assay (G.C.): 99% Identity: IR passes test Density 20/4: 0.715-0.717 Water (H2O): 0.3 %

HAZARD PICTOGRAMS	
UN:	1158
CLASS/PG:	3(8)/II
ADR:	3(8)/II
IMDG:	3(8)/II
IATA:	3(8)/II
WGK:	2
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07 GHS05
H PHRASES:	H225 H335 H302

	H314 H332
P PHRASES:	P210 P233 P240 P241 P242 P243 P260 P261 P264 P270 P271 P280 P301+P312 P301+P330+P331 P303+P361+P353 P304+P340 P305+P351+P338 P310 P312 P321 P330 P338 P363 P370+P378 P403+P235 P405 P501

MASTER NAME:	Di-Isopropylamine
SYNONYMS LONG TEXT:	Di-2-Propylamine, Diisopropylamine, N-(1-Methylethyl)-2-Propanamine
EINECS:	203-558-5
CS:	2921 19 99 90
INDEX NR.:	612-129-00-5

Diethanolamine (USP-NF) pharma grade

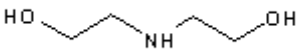
2,2'-Dioxydiethylamine, 2,2'-Iminodiethanol, Bis(b-Hydroxyethyl)Amine

Assay (Acidim.) calc. a.d.s.: 98.5-101.0%

CODE	**191287**
CAS	**111-42-2**
MOLECULAR FORMULA	**$NH(CH_2CH_2OH)_2$**
MOLAR MASS	**105.14 g/mol**

Packs sizes (1)

CODE	PACKAGING SIZE
CODE 191287.0716	PACKAGING SIZE 25 l



Technical data

MELTING POINT:	28 °C
BOILING POINT:	271 °C
DENSITY:	1.09 kg/l
REFRACTIVE INDEX:	20/D 1.4776
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	191287
PRODUCT NAME:	Diethanolamine (USP-NF) pharma grade
QUALITY NAME:	pharma grade
SPECIFICATIONS:	Assay (Acidim.) calc. a.d.s.: 98.5-101.0% Identity according to Pharmacopoeias:: passes test Freezing point: 27-28°C Refractive Index n 30/D: 1.473-1.476 Maximum limit of impurities Triethanolamine (G.C.): 1.0% Water (H2O): 0.15 %
HAZARD PICTOGRAMS	
UN:	1760
CLASS/PG:	8/III
ADR:	8/III
IMDG:	8/III
IATA:	8/III
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS07 GHS05 GHS08
H PHRASES:	H302 H315

P PHRASES:	H318 H373 P260 P264 P270 P280 P301+P312 P302+P352 P305+P351+P338 P310 P314 P321 P330 P332+P313 P362 P501
MASTER NAME:	Diethanolamine
SYNONYMS LONG TEXT:	2,2'-Dioxydiethylamine, 2,2'-Iminodiethanol, Bis(b-Hydroxyethyl)Amine
EINECS:	203-868-0
CS:	2922 12 00 00
INDEX NR.:	603-071-00-1

Dichloromethane stabilized with ~ 20 ppm of amylene (USP-NF, BP, Ph. Eur.) pure, pharma grade

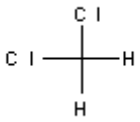
Methylene Chloride, Methylene Dichloride

Minimum assay (G.C.): 99.5%

CODE	**141254**
CAS	**75-09-2**
MOLECULAR FORMULA	**CH_2Cl_2**
MOLAR MASS	**84.93 g/mol**

Packs sizes (2)

	CODE	PACKAGING SIZE
	CODE 141254.0616	PACKAGING SIZE 25 l
	CODE 141254.0619	PACKAGING SIZE 200 l



Technical data

MELTING POINT:	-95 °C
BOILING POINT:	39.75 °C
DENSITY:	1.324 kg/l
SOLUBILITY:	water 20 g/l at 20 °C
REFRACTIVE INDEX:	20/D 1.4244
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	141254
PRODUCT NAME:	Dichloromethane stabilized with ~ 20 ppm of amylene (USP-NF, BP, Ph. Eur.) pure, pharma grade
QUALITY NAME:	pure, pharma grade
SPECIFICATIONS:	Minimum assay (G.C.): 99.5% Identity according to Pharmacopoeias:: passes test Density 25/25: 1.318-1.322 Density 20/20: 1.320-1.332 Refractive Index n 20/D: 1.423-1.425 Maximum limit of impurities Appearance: passes test Acidity (as HCl): 0.001% Non-volatile matter: 0.002 % Chlorine Free (Cl): passes test Chloride (Cl): 0.0003% Residual solvents (Ph.Eur/USP): passes test Ethanol, 2-Methyl-2-Butene and volatile impurities (v/v) : Ethanol: 0.5% 2-Methyl-2-Butene: 0.03% Carbon Tetrachloride: 0.001% Trichloromethane: 0.005% Total of impurities other than ethanol and 2-Methyl-2-Butene: 0.1% Water (H2O): 0.02 %

HAZARD PICTOGRAMS	
UN:	1593
CLASS/PG:	6.1/III
ADR:	6.1/III
IMDG:	6.1/III
IATA:	6.1/III
WGK:	2
STORAGE:	Storage away from direct light.
SIGNAL WORD:	Warning
GHS SYMBOLS:	GHS08
H PHRASES:	H351
P PHRASES:	P201 P202 P281 P308+P313 P405 P501

MASTER NAME:	Dichloromethane *stabilized with amylene
SYNONYMS LONG TEXT:	Methylene Chloride, Methylene Dichloride
EINECS:	200-838-9
CS:	2903 12 00 00
INDEX NR.:	602-004-00-3

Dichloromethane stabilized with ~ 20 ppm of amylene for UV, IR, HPLC, GPC, ACS

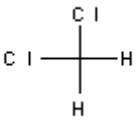
Methylene Chloride, Methylene Dichloride

Minimum assay (G.C.): 99.9%

CODE	**361254**
CAS	**75-09-2**
MOLECULAR FORMULA	**CH_2Cl_2**
MOLAR MASS	**84.93 g/mol**

Packs sizes (3)

	CODE	PACKAGING SIZE
	CODE 361254.1611	PACKAGING SIZE 1000 ml
	CODE 361254.1612	PACKAGING SIZE 2.5 l
	CODE 361254.16153	PACKAGING SIZE 4 l



Technical data

MELTING POINT:	-95 °C
BOILING POINT:	39.75 °C
DENSITY:	1.324 kg/l
SOLUBILITY:	water 20 g/l at 20 °C
REFRACTIVE INDEX:	20/D 1.4244
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	361254
PRODUCT NAME:	Dichloromethane stabilized with ~ 20 ppm of amylene for UV, IR, HPLC, GPC, ACS
QUALITY NAME:	for UV, IR, HPLC, GPC, ACS
SPECIFICATIONS:	Minimum assay (G.C.): 99.9% Density 20/4: 1.322-1.325 Maximum limit of impurities APHA colour: 10 Acidity: 0.0002 meq/g Alkalinity: 0.0002 meq/g Non-volatile matter: 0.0003 % Chlorine (Cl): 0.0001% Carbon Tetrachloride (G.C.): 0.005 % 2-Methyl-2-Buten: 0.005 % Water (H2O): 0.01 % Suitability for IR spectrometry:: passes test Fluorescence at 254 nm (as quinine): 1 ppb Fluorescence at 365 nm (as quinine): 1 ppb UV Spectrum (1cm cell; Ref.: water): Transmittance at 233 (Cut off) nm: ≥10% Transmittance at 235 nm: ≥40% Transmittance at 240 nm: ≥75% Transmittance at 245 nm: ≥90% Transmittance at 255 nm: ≥98% Transmittance at 260-400 nm: ≥99%

	Data of interest in HPLC: P' + 0,25 E: 5.6 Rohrschneider Polarity: 3.1 Eluotropic value e° (Al2O3): 0.42 Sol. H2O in solv. at 20°C: 0.17 For critical jobs, purge with nitrogen. Microfiltered product (0.2 µm) and bottled under nitrogen atmosphere.
HAZARD PICTOGRAMS	
UN:	1593
CLASS/PG:	6.1/III
ADR:	6.1/III
IMDG:	6.1/III
IATA:	6.1/III
WGK:	2
STORAGE:	Storage away from direct light.
SIGNAL WORD:	Warning
GHS SYMBOLS:	GHS08
H PHRASES:	H351
P PHRASES:	P201 P202 P281 P308+P313 P405 P501
MASTER NAME:	Dichloromethane *stabilized with amylene

SYNONYMS LONG TEXT:	Methylene Chloride, Methylene Dichloride
EINECS:	200-838-9
CS:	2903 12 00 00
INDEX NR.:	602-004-00-3

Dichloromethane stabilized with ~ 20 ppm of amylene for pesticide analysis

Methylene Chloride, Methylene Dichloride

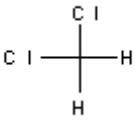
Minimum assay (G.C.): 99.8%

CODE	**321254**
CAS	**75-09-2**
MOLECULAR FORMULA	**CH_2Cl_2**
MOLAR MASS	**84.93 g/mol**

Packs sizes (4)

	CODE	PACKAGING SIZE
	321254.1611	1000 ml
	321254.1612	2.5 l
	321254.16153	4 l
	321254.0515	10 l

Product discontinued. Please check CAS-No. for alternative or contact our Customer Service.



Technical data

MELTING POINT:	-95 °C
BOILING POINT:	39.75 °C
DENSITY:	1.324 kg/l
SOLUBILITY:	water 20 g/l at 20 °C
REFRACTIVE INDEX:	20/D 1.4244
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	321254
PRODUCT NAME:	Dichloromethane stabilized with ~ 20 ppm of amylene for pesticide analysis
QUALITY NAME:	for pesticide analysis
SPECIFICATIONS:	Minimum assay (G.C.): 99.8% Identity: IR passes test Density 20/4: 1.322-1.325 Maximum limit of impurities APHA colour: 10 Acidity: 0.0003 meq/g Alkalinity: 0.0003 meq/g Non-volatile matter: 0.0005 % Water (H2O): 0.02 % Signal ECD of pesticide (Lindane a DDT) (as Lindane): 5 ng/l Signal FID of 2-Octanol to Tetradecanol (as 2-Octanol): passes test

HAZARD PICTOGRAMS	
UN:	1593
CLASS/PG:	6.1/III
ADR:	6.1/III
IMDG:	6.1/III
IATA:	6.1/III
WGK:	2
STORAGE:	Storage away from direct light.
SIGNAL WORD:	Warning
GHS SYMBOLS:	GHS08
H PHRASES:	H351
P PHRASES:	P201 P202 P281 P308+P313 P405 P501

MASTER NAME:	Dichloromethane *stabilized with amylene
SYNONYMS LONG TEXT:	Methylene Chloride, Methylene Dichloride
EINECS:	200-838-9
CS:	2903 12 00 00
INDEX NR.:	602-004-00-3

Dichloromethane, 99.8% stabilized with ~ 20 ppm of amylene for synthesis

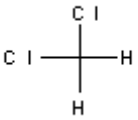
Methylene Chloride, Methylene Dichloride

Minimum assay (G.C.): 99.8%

CODE	**161254**
CAS	**75-09-2**
MOLECULAR FORMULA	**CH_2Cl_2**
MOLAR MASS	**84.93 g/mol**

Packs sizes (1)

	CODE	PACKAGING SIZE	
	CODE 161254.0537	PACKAGING SIZE 30 l	Product active until stock lasts.



Technical data

MELTING POINT:	-95 °C
BOILING POINT:	39.75 °C
DENSITY:	1.324 kg/l

SOLUBILITY:	water 20 g/l at 20 °C
REFRACTIVE INDEX:	20/D 1.4244
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	161254
PRODUCT NAME:	Dichloromethane, 99.8% stabilized with ~ 20 ppm of amylene for synthesis
QUALITY NAME:	for synthesis
SPECIFICATIONS:	Minimum assay (G.C.): 99.8% Identity: IR passes test Density 20/4: 1.323-1.325 Acidity (as HCl): 0.001% Non-volatile matter: 0.001 % Water (H2O): 0.02 %

HAZARD PICTOGRAMS	
UN:	1593
CLASS/PG:	6.1/III
ADR:	6.1/III
IMDG:	6.1/III
IATA:	6.1/III
WGK:	2
STORAGE:	Storage away from direct light.
SIGNAL WORD:	Warning
GHS SYMBOLS:	GHS08

H PHRASES:	H351
P PHRASES:	P201 P202 P281 P308+P313 P405 P501

MASTER NAME:	Dichloromethane *stabilized with amylene
SYNONYMS LONG TEXT:	Methylene Chloride, Methylene Dichloride
EINECS:	200-838-9
CS:	2903 12 00 00
INDEX NR.:	602-004-00-3

Diethyl Ether stabilized with ~ 6 ppm of BHT technical grade

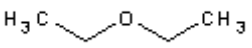
1,1'-Oxibisethane, Diethyl Ether, Ethoxyethane, Ethyl Ether, Ethyl Oxide, Sulphuric Ether

Assay (G.C.): 99.5%

CODE	**212770**
CAS	**60-29-7**
MOLECULAR FORMULA	**$C_2H_5OC_2H_5$**
MOLAR MASS	**74.12 g/mol**

Packs sizes (3)

	CODE	PACKAGING SIZE
	CODE 212770.0311	PACKAGING SIZE 1000 ml
	CODE 212770.0314	PACKAGING SIZE 5 l
	CODE 212770.0616	PACKAGING SIZE 25 l

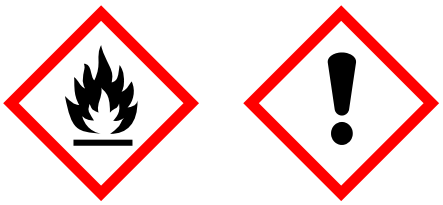


ⓘ Technical data

MELTING POINT:	-116 °C
BOILING POINT:	34.6 °C
DENSITY:	0.715 kg/l
SOLUBILITY:	water 69 g/l at 20 °C
REFRACTIVE INDEX:	20/D 1.3526
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	212770
PRODUCT NAME:	Diethyl Ether stabilized with ~ 6 ppm of BHT technical grade
QUALITY NAME:	technical grade
SPECIFICATIONS:	Assay (G.C.): 99.5% Density 20/4: 0.713-0.717 Water (H2O): 0.3 %

HAZARD PICTOGRAMS



UN:	1155
CLASS/PG:	3/I
ADR:	3/I
IMDG:	3/I
IATA:	3/I
WGK:	1
STORAGE:	Storage between +8 and +15°C
SIGNAL WORD:	Danger

GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H224 H302 H336 EUH019 EUH066
P PHRASES:	P210 P233 P240 P241 P242 P501 P243 P261 P264 P270 P271 P280 P301+P312 P303+P361+P353 P304+P340 P312 P330 P370+P378 P403+P233 P403+P235 P405

MASTER NAME:	Diethyl Ether *stabilized with ~6 ppm of BHT
SYNONYMS LONG TEXT:	1,1'-Oxibisethane, Diethyl Ether, Ethoxyethane, Ethyl Ether, Ethyl Oxide, Sulphuric Ether
EINECS:	200-467-2
CS:	2909 11 00 00
INDEX NR.:	603-022-00-4

Diethyl Ether stabilized with ~ 6 ppm of BHT (Reag. USP, Ph. Eur.) for analysis, ACS, ISO

1,1'-Oxibisethane, Diethyl Ether, Ethoxyethane, Ethyl Ether, Ethyl Oxide, Sulphuric Ether

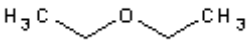
Minimum assay (G.C.): 99.7%

CODE	**132770**
CAS	**60-29-7**
MOLECULAR FORMULA	**$C_2H_5OC_2H_5$**
MOLAR MASS	**74.12 g/mol**

Packs sizes (6)

	CODE	PACKAGING SIZE
	CODE 132770.0311	PACKAGING SIZE 1000 ml
	CODE 132770.1612	PACKAGING SIZE 2.5 l
	CODE 132770.0314	PACKAGING SIZE 5 l
	CODE 132770.0515	PACKAGING SIZE 10 l

	CODE	PACKAGING SIZE
	132770.0316	25 l
	CODE	PACKAGING SIZE
	132770.0537	30 l



Technical data

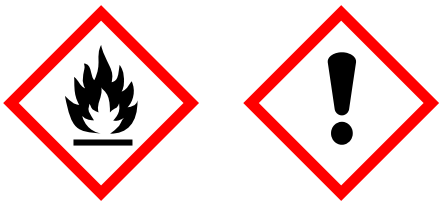
MELTING POINT:	-116 °C
BOILING POINT:	34.6 °C
DENSITY:	0.715 kg/l
SOLUBILITY:	water 69 g/l at 20 °C
REFRACTIVE INDEX:	20/D 1.3526
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	132770
PRODUCT NAME:	Diethyl Ether stabilized with ~ 6 ppm of BHT (Reag. USP, Ph. Eur.) for analysis, ACS, ISO
QUALITY NAME:	for analysis, ACS, ISO
SPECIFICATIONS:	Minimum assay (G.C.): 99.7% Identity: IR passes test Density 20/20: 0.713-0.715 Range of Boiling: 34-35°C

Maximum limit of impurities

APHA colour: 10
Acidity: 0.0002 meq/g
Non-volatile matter: 0.001 %
Darkened substances by H2SO4: passes test
Carbonyl compounds (as HCHO): 0.001%
Peroxides (as H2O2): 0.00003 %*
Acetone (G.C.): 0.005%
Ethanol (G.C.): 0.05%
Methanol (G.C.): 0.02%
Water (H2O): 0.1 %

Metals by ICP [in mg/Kg (ppm)]
Ag: 0.05
Al: 0.5
As: 0.05
Au: 0.05
B: 0.02
Ba: 0.1
Be: 0.02
Bi: 0.05
Ca: 0.5
Cd: 0.05
Co: 0.02
Cr: 0.02
Cu: 0.1
Fe: 0.1
Ga: 0.02
Ge: 0.05
Hg: 0.05
In: 0.05
K: 0.1
Li: 0.05
Mg: 0.1
Mn: 0.02
Mo: 0.02
Na: 0.5
Ni: 0.02
P: 0.2
Pb: 0.1
Pt: 0.02
S: 0.2
Sb: 0.02
Si: 0.2
Sn: 0.1

	Sr: 0.2 Ti: 0.02 Tl: 0.02 V: 0.02 Zn: 0.1 Zr: 0.02
	* At the moment of the batch analysis.
HAZARD PICTOGRAMS	
UN:	1155
CLASS/PG:	3/I
ADR:	3/I
IMDG:	3/I
IATA:	3/I
WGK:	1
STORAGE:	Storage between +8 and +15°C
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H224 H302 H336 EUH019 EUH066
P PHRASES:	P210 P233 P240 P241 P242 P501 P243 P261

	P264 P270 P271 P280 P301+P312 P303+P361+P353 P304+P340 P312 P330 P370+P378 P403+P233 P403+P235 P405
MASTER NAME:	Diethyl Ether *stabilized with ~6 ppm of BHT
SYNONYMS LONG TEXT:	1,1'-Oxibisethane, Diethyl Ether, Ethoxyethane, Ethyl Ether, Ethyl Oxide, Sulphuric Ether
EINECS:	200-467-2
CS:	2909 11 00 00
INDEX NR.:	603-022-00-4

Diethyl Ether stabilized with ~ 6 ppm of BHT pure

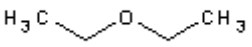
1,1'-Oxibisethane, Diethyl Ether, Ethoxyethane, Ethyl Ether, Ethyl Oxide, Sulphuric Ether

Assay (G.C.): 99.5%

CODE	**142770**
CAS	**60-29-7**
MOLECULAR FORMULA	**$C_2H_5OC_2H_5$**
MOLAR MASS	**74.12 g/mol**

Packs sizes (2)

	CODE	PACKAGING SIZE
	CODE 142770.0311	PACKAGING SIZE 1000 ml
	CODE 142770.0314	PACKAGING SIZE 5 l



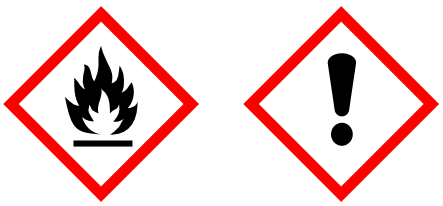
Technical data

MELTING POINT:	-116 °C
BOILING POINT:	34.6 °C

DENSITY:	0.715 kg/l
SOLUBILITY:	water 69 g/l at 20 °C
REFRACTIVE INDEX:	20/D 1.3526
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	142770
PRODUCT NAME:	Diethyl Ether stabilized with ~ 6 ppm of BHT pure
QUALITY NAME:	pure
SPECIFICATIONS:	Assay (G.C.): 99.5% Identity: IR passes test Density 20/4: 0.713-0.715 Acidity: 0.001 meq/g Non-volatile matter: 0.005 % Carbonyl compounds (as HCHO): 0.005 % Peroxides (as H2O2): 0.0001 %* Foreign odorous substances: passes test Acetone (G.C.): 0.01% Ethanol (G.C.): 0.1% Methanol (G.C.): 0.05% Water (H2O): 0.2 % Cu: 0.00002 % Fe: 0.00005 % Ni: 0.00002 % Pb: 0.00002 % * At the moment of the batch analysis.

HAZARD PICTOGRAMS



UN:	1155
CLASS/PG:	3/I
ADR:	3/I

IMDG:	3/I
IATA:	3/I
WGK:	1
STORAGE:	Storage between +8 and +15°C
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H224 H302 H336 EUH019 EUH066
P PHRASES:	P210 P233 P240 P241 P242 P501 P243 P261 P264 P270 P271 P280 P301+P312 P303+P361+P353 P304+P340 P312 P330 P370+P378 P403+P233 P403+P235 P405

MASTER NAME:	Diethyl Ether *stabilized with ~6 ppm of BHT
SYNONYMS LONG TEXT:	1,1'-Oxibisethane, Diethyl Ether, Ethoxyethane,

	Ethyl Ether, Ethyl Oxide, Sulphuric Ether
EINECS:	200-467-2
CS:	2909 11 00 00
INDEX NR.:	603-022-00-4

Diethyl Ether dry (max. 0.0075% water) stabilized with ~ 6ppm of BHT , ACS, ISO

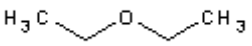
1,1'-Oxibisethane, Diethyl Ether, Ethoxyethane, Ethyl Ether, Ethyl Oxide, Sulphuric Ether

Minimum assay (G.C.): 99.8%

CODE	**482770**
CAS	**60-29-7**
MOLECULAR FORMULA	**$C_2H_5OC_2H_5$**
MOLAR MASS	**74.12 g/mol**

Packs sizes (1)

	CODE	PACKAGING SIZE	
	CODE 482770.0311	PACKAGING SIZE 1000 ml	Product discontinued. Please check CAS-No. for alternative or contact our Customer Service.

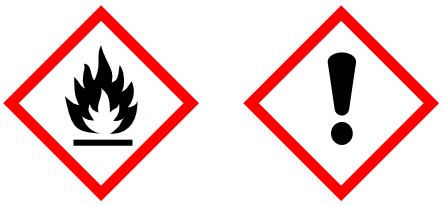


Technical data

MELTING POINT:	-116 °C
BOILING POINT:	34.6 °C
DENSITY:	0.715 kg/l
SOLUBILITY:	water 69 g/l at 20 °C

REFRACTIVE INDEX:	20/D 1.3526
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	482770
PRODUCT NAME:	Diethyl Ether dry (max. 0.0075% water) stabilized with ~ 6ppm of BHT , ACS, ISO
QUALITY NAME:	, ACS, ISO
SPECIFICATIONS:	Minimum assay (G.C.): 99.8% Identity: IR passes test Density 20/4: 0.713-0.715 Maximum limit of impurities APHA colour: 10 Acidity: 0.0002 meq/g Non-volatile matter: 0.001 % Darkened substances by H2SO4: passes test Carbonyl compounds (as HCHO): 0.001% Peroxides (as H2O2): 0.00003 %* Acetone (G.C.): 0.005% Ethanol (G.C.): 0.05% Methanol (G.C.): 0.02% Water (H2O): 0.0075 % Metals by ICP [in mg/Kg (ppm)] Ag: 0.05 Al: 0.5 As: 0.05 Au: 0.05 B: 0.02 Ba: 0.1 Be: 0.02 Bi: 0.05 Ca: 0.5 Cd: 0.05 Co: 0.02 Cr: 0.02 Cu: 0.02 Fe: 0.1 Ga: 0.02 Ge: 0.05

	Hg: 0.05 In: 0.05 K: 0.1 Li: 0.05 Mg: 0.1 Mn: 0.02 Mo: 0.02 Na: 0.5 Ni: 0.02 P: 0.2 Pb: 0.1 Pt: 0.02 S: 0.2 Sb: 0.02 Si: 0.2 Sn: 0.1 Sr: 0.2 Ti: 0.02 Tl: 0.02 V: 0.02 Zn: 0.1 Zr: 0.02 * At the moment of the batch analysis.
HAZARD PICTOGRAMS	
UN:	1155
CLASS/PG:	3/I
ADR:	3/I
IMDG:	3/I
IATA:	3/I
WGK:	1
STORAGE:	Storage between +8 and +15°C
SIGNAL WORD:	Danger

GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H224 H302 H336 EUH019 EUH066
P PHRASES:	P210 P233 P240 P241 P242 P501 P243 P261 P264 P270 P271 P280 P301+P312 P303+P361+P353 P304+P340 P312 P330 P370+P378 P403+P233 P403+P235 P405

MASTER NAME:	Diethyl Ether *stabilized with ~6 ppm of BHT
SYNONYMS LONG TEXT:	1,1'-Oxibisethane, Diethyl Ether, Ethoxyethane, Ethyl Ether, Ethyl Oxide, Sulphuric Ether
EINECS:	200-467-2
CS:	2909 11 00 00
INDEX NR.:	603-022-00-4

Diethyl Ether anaesthetic stabilized with ~ 6 ppm of BHT (BP, Ph. Eur.) pharma grade

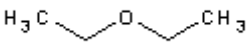
1,1'-Oxibisethane, Diethyl Ether, Ethoxyethane, Ethyl Ether, Ethyl Oxide, Sulphuric Ether

Minimum assay (G.C.): 99.5%

CODE	**192770**
CAS	**60-29-7**
MOLECULAR FORMULA	**$C_2H_5OC_2H_5$**
MOLAR MASS	**74.12 g/mol**

Packs sizes (2)

	CODE	PACKAGING SIZE	
	CODE 192770.0311	PACKAGING SIZE 1000 ml	Product active until stock lasts.
	CODE 192770.0619	PACKAGING SIZE 200 l	Product discontinued. Please check CAS-No. for alternative or contact our Customer Service.



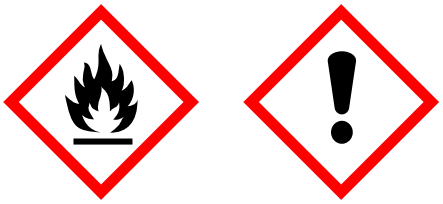
Technical data

MELTING POINT:	-116 °C

BOILING POINT:	34.6 °C
DENSITY:	0.715 kg/l
SOLUBILITY:	water 69 g/l at 20 °C
REFRACTIVE INDEX:	20/D 1.3526
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	192770
PRODUCT NAME:	Diethyl Ether anaesthetic stabilized with ~ 6 ppm of BHT (BP, Ph. Eur.) pharma grade
QUALITY NAME:	pharma grade
SPECIFICATIONS:	Minimum assay (G.C.): 99.5% Identity according to Pharmacopoeias:: passes test Density 20/20: 0.714-0.716 Range of Distillation: 34.0-35.0°C Maximum limit of impurities Acidity: passes test Non-volatile matter: 0.002 % Peroxides (as H2O2): passes test* Odorous substances: passes test Residual solvents (Ph.Eur.): passes test Acetone and aldehydes: passes test Water (H2O): 0.2 % * At the moment of the batch analysis.

HAZARD PICTOGRAMS



UN:	1155
CLASS/PG:	3/I
ADR:	3/I

IMDG:	3/I
IATA:	3/I
WGK:	1
STORAGE:	Storage between +8 and +15°C
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H224 H302 H336 EUH019 EUH066
P PHRASES:	P210 P233 P240 P241 P242 P501 P243 P261 P264 P270 P271 P280 P301+P312 P303+P361+P353 P304+P340 P312 P330 P370+P378 P403+P233 P403+P235 P405

MASTER NAME:	Diethyl Ether *stabilized with ~6 ppm of BHT
SYNONYMS LONG TEXT:	1,1'-Oxibisethane, Diethyl Ether, Ethoxyethane,

	Ethyl Ether, Ethyl Oxide, Sulphuric Ether
EINECS:	200-467-2
CS:	2909 11 00 00
INDEX NR.:	603-022-00-4

Diethylamine (Reag. USP, Ph. Eur.) for analysis, ACS

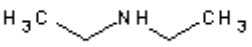
N-Ethylethanamine

Minimum assay (G.C.): 99.5%

CODE	**131288**
CAS	**109-89-7**
MOLECULAR FORMULA	**$NH(C_2H_5)_2$**
MOLAR MASS	**73.14 g/mol**

Packs sizes (2)

	CODE	PACKAGING SIZE
	CODE 131288.1611	PACKAGING SIZE 1000 ml
	CODE 131288.0616	PACKAGING SIZE 25 l



Technical data

MELTING POINT:	-50 °C
BOILING POINT:	55.5 °C

DENSITY:	0.703 kg/l
REFRACTIVE INDEX:	20/D 1.3864
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	131288
PRODUCT NAME:	Diethylamine (Reag. USP, Ph. Eur.) for analysis, ACS
QUALITY NAME:	for analysis, ACS
SPECIFICATIONS:	Minimum assay (G.C.): 99.5% Identity: IR passes test Density 25/4: 0.700-0.705 Range of Boiling: 55-58°C Maximum limit of impurities APHA colour: 20 Non-volatile matter: 0.01 % Ethanol (G.C.): 0.05% Monoethylamine (G.C.): 0.2% Triethylamine (G.C.): 0.2% Water (H2O): 0.1 % Ca: 0.00005 % Cd: 0.000005 % Co: 0.000002 % Cr: 0.000002 % Cu: 0.000002 % Fe: 0.00001 % Mg: 0.00001 % Mn: 0.000002 % Ni: 0.000002 % Pb: 0.00001 % Zn: 0.00001 %

HAZARD PICTOGRAMS

UN:	1154
CLASS/PG:	3(8)/II
ADR:	3(8)/II
IMDG:	3(8)/II
IATA:	3(8)/II
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07 GHS05
H PHRASES:	H225 H332 H312 H302 H314
P PHRASES:	P210 P233 P240 P241 P242 P243 P260 P261 P264 P270 P271 P280 P301+P312 P301+P330+P331 P302+P352 P303+P361+P353 P304+P340 P305+P351+P338 P310

	P312 P321 P322 P330 P338 P363 P370+P378 P403+P235 P405 P501
MASTER NAME:	Diethylamine
SYNONYMS LONG TEXT:	N-Ethylethanamine
EINECS:	203-716-3
CS:	2921 19 50 90
INDEX NR.:	612-003-00-X

Diethylamine, 99.5% for synthesis

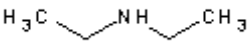
N-Ethylethanamine

Minimum assay (G.C.): 99.5%

CODE	**161288**
CAS	**109-89-7**
MOLECULAR FORMULA	**$NH(C_2H_5)_2$**
MOLAR MASS	**73.14 g/mol**

Packs sizes (1)

	CODE	PACKAGING SIZE	
	CODE 161288.1611	PACKAGING SIZE 1000 ml	Product discontinued. Alternative 131288.1611 (please check specifications).



ⓘ Technical data

MELTING POINT:	-50 °C
BOILING POINT:	55.5 °C
DENSITY:	0.703 kg/l
REFRACTIVE INDEX:	20/D 1.3864
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	161288
PRODUCT NAME:	Diethylamine, 99.5% for synthesis
QUALITY NAME:	for synthesis
SPECIFICATIONS:	Minimum assay (G.C.): 99.5% Identity: IR passes test Density 25/4: 0.700-0.705 Water (H2O): 0.2 %
HAZARD PICTOGRAMS	
UN:	1154
CLASS/PG:	3(8)/II
ADR:	3(8)/II
IMDG:	3(8)/II
IATA:	3(8)/II
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07 GHS05
H PHRASES:	H225 H332 H312 H302 H314
P PHRASES:	P210

	P233 P240 P241 P242 P243 P260 P261 P264 P270 P271 P280 P301+P312 P301+P330+P331 P302+P352 P303+P361+P353 P304+P340 P305+P351+P338 P310 P312 P321 P322 P330 P338 P363 P370+P378 P403+P235 P405 P501
MASTER NAME:	Diethylamine
SYNONYMS LONG TEXT:	N-Ethylethanamine
EINECS:	203-716-3
CS:	2921 19 50 90
INDEX NR.:	612-003-00-X

Diethyl Ether stabilized with ethanol for UV, IR, HPLC

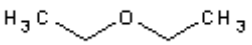
1,1'-Oxibisethane, Diethyl Ether, Ethoxyethane, Ethyl Ether, Ethyl Oxide, Sulphuric Ether

Minimum assay (G.C.): 98.0%

CODE	**362551**
CAS	**60-29-7**
MOLECULAR FORMULA	**$C_2H_5OC_2H_5$**
MOLAR MASS	**74.12 g/mol**

Packs sizes (1)

CODE	PACKAGING SIZE
CODE 362551.1611	PACKAGING SIZE 1000 ml

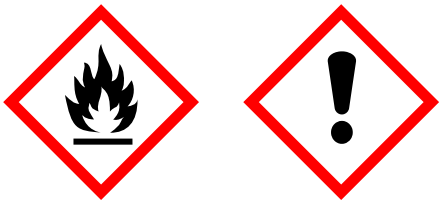


Technical data

MELTING POINT:	-116 °C
BOILING POINT:	34.6 °C
DENSITY:	0.714 kg/l
SOLUBILITY:	water 69 g/l at 20 °C

REFRACTIVE INDEX:	20/D 1.3526
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	362551
PRODUCT NAME:	Diethyl Ether stabilized with ethanol for UV, IR, HPLC
QUALITY NAME:	for UV, IR, HPLC
SPECIFICATIONS:	Minimum assay (G.C.): 98.0% Density 20/4: 0.713-0.715 Maximum limit of impurities APHA colour: 10 Acidity: 0.0002 meq/g Alkalinity: 0.0002 meq/g Non-volatile matter: 0.0003 % Peroxides (as H2O2): 0.0001 %* Ethanol (G.C.): ~2 % Water (H2O): 0.02 % Suitability for IR spectrometry:: passes test Fluorescence at 254 nm (as quinine): 2 ppb Fluorescence at 365 nm (as quinine): 0.5 ppb UV Spectrum (1cm cell; Ref.: water): Transmittance at 220 (Cut off) nm: ≥10% Transmittance at 236 nm: ≥50% Transmittance at 252 nm: ≥80% Transmittance at 280 nm: ≥94% Transmittance at 300-400 nm: ≥99% Data of interest in HPLC: P' + 0,25 E: 4.0 Rohrschneider Polarity: 2.8 Eluotropic value e° (Al2O3): 0.38 Sol. H2O in solv. at 20°C: 1.3 For critical jobs, purge with nitrogen. Microfiltered product (0.2 µm) and bottled under nitrogen atmosphere. * At the moment of the batch analysis.

HAZARD PICTOGRAMS	
UN:	1155
CLASS/PG:	3/I
ADR:	3/I
IMDG:	3/I
IATA:	3/I
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H224 EUH019 H302 EUH066 H336
P PHRASES:	P210 P233 P240 P241 P242 P501 P243 P261 P264 P270 P271 P280 P301+P312 P303+P361+P353

	P304+P340 P312 P330 P370+P378 P403+P233 P403+P235 P405
MASTER NAME:	Diethyl Ether *stabilized with ethanol
SYNONYMS LONG TEXT:	1,1'-Oxibisethane, Diethyl Ether, Ethoxyethane, Ethyl Ether, Ethyl Oxide, Sulphuric Ether
EINECS:	200-467-2
CS:	2909 11 00 00
INDEX NR.:	603-022-00-4

Diethyl Ether, 99.7% stabilized with ~ 6 ppm of BHT for synthesis

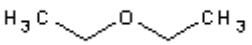
1,1'-Oxibisethane, Diethyl Ether, Ethoxyethane, Ethyl Ether, Ethyl Oxide, Sulphuric Ether

Minimum assay (G.C.): 99.7%

CODE	**162770**
CAS	**60-29-7**
MOLECULAR FORMULA	**$C_2H_5OC_2H_5$**
MOLAR MASS	**74.12 g/mol**

Packs sizes (1)

CODE	PACKAGING SIZE
CODE 162770.0314	PACKAGING SIZE 5 l

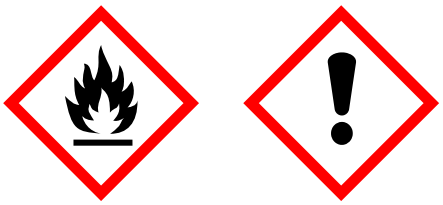


Technical data

MELTING POINT:	-116 °C
BOILING POINT:	34.6 °C
DENSITY:	0.715 kg/l
SOLUBILITY:	water 69 g/l at 20 °C

REFRACTIVE INDEX:	20/D 1.3526
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	162770
PRODUCT NAME:	Diethyl Ether, 99.7% stabilized with ~ 6 ppm of BHT for synthesis
QUALITY NAME:	for synthesis
SPECIFICATIONS:	Minimum assay (G.C.): 99.7% Identity: IR passes test Density 20/4: 0.713-0.715 Non-volatile matter: 0.002 % Peroxides (as H2O2): 0.0001 %* Water (H2O): 0.05 % * At the moment of the batch analysis.

HAZARD PICTOGRAMS	
UN:	1155
CLASS/PG:	3/I
ADR:	3/I
IMDG:	3/I
IATA:	3/I
WGK:	1
STORAGE:	Storage between +8 and +15°C
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07

H PHRASES:	H224 H302 H336 EUH019 EUH066
P PHRASES:	P210 P233 P240 P241 P242 P501 P243 P261 P264 P270 P271 P280 P301+P312 P303+P361+P353 P304+P340 P312 P330 P370+P378 P403+P233 P403+P235 P405

MASTER NAME:	Diethyl Ether *stabilized with ~6 ppm of BHT
SYNONYMS LONG TEXT:	1,1'-Oxibisethane, Diethyl Ether, Ethoxyethane, Ethyl Ether, Ethyl Oxide, Sulphuric Ether
EINECS:	200-467-2
CS:	2909 11 00 00
INDEX NR.:	603-022-00-4

Diethyl Ether stabilized with ethanol for pesticide analysis

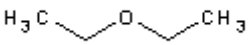
1,1'-Oxibisethane, Diethyl Ether, Ethoxyethane, Ethyl Ether, Ethyl Oxide, Sulphuric Ether

Minimum assay (G.C.): 98%

CODE	**322551**
CAS	**60-29-7**
MOLECULAR FORMULA	**$C_2H_5OC_2H_5$**
MOLAR MASS	**74.12 g/mol**

Packs sizes (1)

	CODE	PACKAGING SIZE	
	CODE 322551.1611	PACKAGING SIZE 1000 ml	Product active until stock lasts.

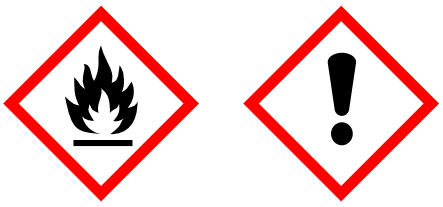


Technical data

MELTING POINT:	-116 °C
BOILING POINT:	34.6 °C
DENSITY:	0.714 kg/l
SOLUBILITY:	water 69 g/l at 20 °C

REFRACTIVE INDEX:	20/D 1.3526
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	322551
PRODUCT NAME:	Diethyl Ether stabilized with ethanol for pesticide analysis
QUALITY NAME:	for pesticide analysis
SPECIFICATIONS:	Minimum assay (G.C.): 98% Identity: IR passes test Density 20/4: 0.713-0.715 **Maximum limit of impurities** APHA colour: 10 Acidity: 0.0002 meq/g Non-volatile matter: 0.0005 % Peroxides (as H2O2): 0.0001 %* Ethanol (G.C.): ~2 % Water (H2O): 0.1 % Signal ECD of pesticide (Lindane a DDT) (as Lindane): 5 ng/l * At the moment of the batch analysis.

HAZARD PICTOGRAMS	
UN:	1155
CLASS/PG:	3/I
ADR:	3/I
IMDG:	3/I
IATA:	3/I
WGK:	1
STORAGE:	Room Temperature.

SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H224 EUH019 H302 EUH066 H336
P PHRASES:	P210 P233 P240 P241 P242 P501 P243 P261 P264 P270 P271 P280 P301+P312 P303+P361+P353 P304+P340 P312 P330 P370+P378 P403+P233 P403+P235 P405

MASTER NAME:	Diethyl Ether *stabilized with ethanol
SYNONYMS LONG TEXT:	1,1'-Oxibisethane, Diethyl Ether, Ethoxyethane, Ethyl Ether, Ethyl Oxide, Sulphuric Ether
EINECS:	200-467-2
CS:	2909 11 00 00
INDEX NR.:	603-022-00-4

Dimethyl Sulfoxide for Headspace GC

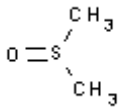
DMSO, Methylsulphoxide, Sulphinylbismethane

Minimum assay (G.C.): 99.9 %

CODE	**751954**
CAS	**67-68-5**
MOLECULAR FORMULA	**C_2H_6OS**
MOLAR MASS	**78.13 g/mol**

Packs sizes (2)

	CODE	PACKAGING SIZE
	CODE 751954.1611	PACKAGING SIZE 1000 ml
	CODE 751954.1612	PACKAGING SIZE 2.5 l



Technical data

MELTING POINT:	18.4 °C
BOILING POINT:	189 °C

DENSITY:	1.103 kg/l
REFRACTIVE INDEX:	20/D 1.477
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	751954
PRODUCT NAME:	Dimethyl Sulfoxide for Headspace GC
QUALITY NAME:	for Headspace GC
SPECIFICATIONS:	Minimum assay (G.C.): 99.9 % Identity: IR passes test Refractive Index n 20/D: 1.477 - 1.480 Maximum limit of impurities APHA colour: 10 Suitability for analysis of residual solvents GC/HS : Solvents of class 1 according to ICH: 0.5 ppm Solvents of class 2 according to ICH: 5 ppm Solvents of class 3 according to ICH: 25 ppm Water (H2O): 0.04 %

WGK:	1
STORAGE:	Storage away from direct light.

MASTER NAME:	Dimethyl Sulphoxide
SYNONYMS LONG TEXT:	DMSO, Methylsulphoxide, Sulphinylbismethane
EINECS:	200-664-3
CS:	2930 90 98 99

Dimethyl Sulfoxide, 99.5% for synthesis

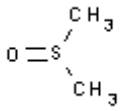
DMSO, Methylsulphoxide, Sulphinylbismethane

Minimum assay (G.C.): 99.5%

CODE	**161954**
CAS	**67-68-5**
MOLECULAR FORMULA	**C_2H_6OS**
MOLAR MASS	**78.13 g/mol**

Packs sizes (2)

	CODE	PACKAGING SIZE
	CODE 161954.1611	PACKAGING SIZE 1000 ml
	CODE 161954.1612	PACKAGING SIZE 2.5 l



Technical data

MELTING POINT:	18.4 °C
BOILING POINT:	189 °C

DENSITY:	1.103 kg/l
REFRACTIVE INDEX:	20/D 1.477
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	161954
PRODUCT NAME:	Dimethyl Sulfoxide, 99.5% for synthesis
QUALITY NAME:	for synthesis
SPECIFICATIONS:	Minimum assay (G.C.): 99.5% Identity: IR passes test Freezing point: ≥ 18.0°C Water (H2O): 0.1 %

WGK:	1
STORAGE:	Storage away from direct light.

MASTER NAME:	Dimethyl Sulphoxide
SYNONYMS LONG TEXT:	DMSO, Methylsulphoxide, Sulphinylbismethane
EINECS:	200-664-3
CS:	2930 90 98 99

Dimethyl Sulfoxide (USP, BP, Ph. Eur.) pharma grade

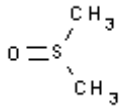
DMSO, Methylsulphoxide, Sulphinylbismethane

Minimum assay (G.C.): 99.9%

CODE	**191954**
CAS	**67-68-5**
MOLECULAR FORMULA	**C_2H_6OS**
MOLAR MASS	**78.13 g/mol**

Packs sizes (5)

	CODE	PACKAGING SIZE
	CODE 191954.1611	PACKAGING SIZE 1000 ml
	CODE 191954.1612	PACKAGING SIZE 2,5 l
	CODE 191954.1214	PACKAGING SIZE 5 l
	CODE 191954.0716	PACKAGING SIZE 25 l
	CODE 191954.07177	PACKAGING SIZE 190 l



Technical data

MELTING POINT:	18.4 °C
BOILING POINT:	189 °C
DENSITY:	1.103 kg/l
REFRACTIVE INDEX:	20/D 1.477
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	191954
PRODUCT NAME:	Dimethyl Sulfoxide (USP, BP, Ph. Eur.) pharma grade
QUALITY NAME:	pharma grade
SPECIFICATIONS:	Minimum assay (G.C.): 99.9% Identity according to Pharmacopoeias:: passes test IR passes test Density 25/25: 1.095-1.101 Density 20/20: 1.100-1.104 Freezing point: ≥ 18.3°C Refractive Index n 20/D: 1.478-1.480 Refractive Index n 25/D: 1.4755-1.4775 Maximum limit of impurities Acidity: passes test Non-volatile matter: 0.01 % Absorbance (UV): Related substances USP (G.C.): 0.1 % Substances darkened by KOH: passes test Residual solvents (Ph.Eur/USP): passes test

	ABS 270 - 350 nm: passes test No maximum absorption ABS at 275 nm: 0.20 ABS at 285 nm: 0.20 ABS at 295 nm: 0.20 Relationship A285/A275: 0.65 Relationship A295/A275: 0.45 Related substances Ph.Eur. (G.C.) Individual: 0.10% Total: 0.15% Dimethyl Sulfone (G.C.): 0.03% Water (H2O): 0.1 %
WGK:	1
STORAGE:	Storage away from direct light.
MASTER NAME:	Dimethyl Sulphoxide
SYNONYMS LONG TEXT:	DMSO, Methylsulphoxide, Sulphinylbismethane
EINECS:	200-664-3
CS:	2930 90 98 99

Dimethyl Sulfoxide (Reag. USP, Ph. Eur.) for analysis, ACS

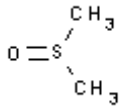
DMSO, Methylsulphoxide, Sulphinylbismethane

Minimum assay (G.C.): 99.9%

CODE	**131954**
CAS	**67-68-5**
MOLECULAR FORMULA	**C_2H_6OS**
MOLAR MASS	**78.13 g/mol**

Packs sizes (4)

	CODE	PACKAGING SIZE	
	CODE 131954.1611	PACKAGING SIZE 1000 ml	
	CODE 131954.1612	PACKAGING SIZE 2.5 l	
	CODE 131954.1214	PACKAGING SIZE 5 l	
	CODE 131954.0715	PACKAGING SIZE 10 l	Product discontinued. Alternative 131954.1214 (please check specifications).



Technical data

MELTING POINT:	18.4 °C
BOILING POINT:	189 °C
DENSITY:	1.103 kg/l
REFRACTIVE INDEX:	20/D 1.477
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	131954
PRODUCT NAME:	Dimethyl Sulfoxide (Reag. USP, Ph. Eur.) for analysis, ACS
QUALITY NAME:	for analysis, ACS
SPECIFICATIONS:	Minimum assay (G.C.): 99.9% Identity: IR passes test Freezing point: ≥ 18.0°C Maximum limit of impurities Acidity: 0.001 meq/g Insoluble matter in H2O: passes test Non-volatile matter: 0.001 % Dimethyl Sulfone (G.C.): 0.1% Methanol (G.C.): 0.05% Water (H2O): 0.1 % Metals by ICP [in mg/Kg (ppm)] Ag: 0.05 Al: 0.5 As: 0.05 Au: 0.05 B: 0.02

	Ba: 0.1 Be: 0.02 Bi: 0.05 Ca: 0.5 Cd: 0.05 Co: 0.02 Cr: 0.02 Cu: 0.02 Fe: 0.1 Ga: 0.02 Ge: 0.05 Hg: 0.05 In: 0.05 K: 0.1 Li: 0.05 Mg: 0.1 Mn: 0.02 Mo: 0.02 Na: 0.5 Ni: 0.02 P: 0.2 Pb: 0.1 Pt: 0.02 S: 0.2 Sb: 0.02 Si: 0.2 Sn: 0.1 Sr: 0.2 Ti: 0.02 Tl: 0.02 V: 0.02 Zn: 0.1 Zr: 0.02
WGK:	1
STORAGE:	Storage away from direct light.
MASTER NAME:	Dimethyl Sulphoxide
SYNONYMS LONG TEXT:	DMSO, Methylsulphoxide, Sulphinylbismethane
EINECS:	200-664-3
CS:	2930 90 98 99

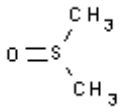
Dimethyl sulfoxide (DMSO) Cell culture grade

Assay (GC): min. 99.5 %

CODE	**A3672**
CAS	**67-68-5**
MOLECULAR FORMULA	**C_2H_6OS**
MOLAR MASS	**78.13 g/mol**

Packs sizes (3)

	CODE	PACKAGING SIZE
	CODE A3672,0050	PACKAGING SIZE 50 ml
	CODE A3672,0100	PACKAGING SIZE 100 ml
	CODE A3672,0250	PACKAGING SIZE 250 ml



Technical data

REFRACTIVE INDEX:	n20/D 1.478 - 1.480
PHYSICAL DESCRIPTION:	Liquid
PRODUCT CODE:	A3672
PRODUCT NAME:	Dimethyl sulfoxide (DMSO) Cell culture grade
SPECIFICATIONS:	Pyrogen test: passes test Assay (GC): min. 99.5 % Free acid: max. 0.001 % Non-volatile matter: max. 0.001 % Total P: max. 0.00001 % Total Si: max. 0.00002 % Water (K.F.): max. 0.1 % Ca: max. 0.0001 % Cu: max. 0.00005 % Fe: max. 0.0001 % K: max. 0.00005 % Mg: max. 0.00005 % Na: max. 0.0002 % Pb: max. 0.00002 % Zn: max. 0.00002 %
WGK:	1
STORAGE:	RT
EINECS:	200-664-3
CS:	29309098

Ethanol / Diethyl Ether 1:1 v/v + Phenolphthalein 0,1 % for acidity determination in olive oil

CODE

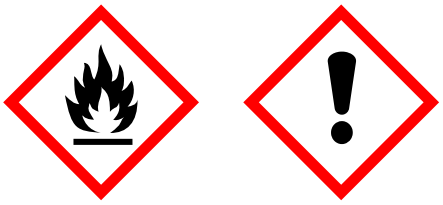
285483

Packs sizes (3)

	CODE	PACKAGING SIZE
	CODE 285483.0314	PACKAGING SIZE 5 l
	CODE 285483.0515	PACKAGING SIZE 10 l
	CODE 285483.0537	PACKAGING SIZE 30 l

Technical data

DENSITY:	0.765 kg/l
PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	285483
PRODUCT NAME:	Ethanol / Diethyl Ether 1:1 v/v + Phenolphthalein 0,1 % for acidity determination in olive oil
QUALITY NAME:	for acidity determination in olive oil

SPECIFICATIONS:	COMPOSITION: Phenolphtalein: 100 mg Diethyl Ether: 50 ml Ethanol: 50 ml Identity: passes test Density 20/4: 0.755 - 0.762
HAZARD PICTOGRAMS	
UN:	1993
CLASS/PG:	3/I
ADR:	3/I
IMDG:	3/I
IATA:	3/I
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H224 EUH019 H319 H336
P PHRASES:	P210 P280 P303+P361+P353 P305+P351+P338 P405 P501
MASTER NAME:	Ethanol-Diethyl Ether 1:1+Phenolphthalein
CS:	3822 90 00 00

Ethanol / Diethyl Ether 1:1 v/v + Bromophenol Blue 0,2 % for acidity determination in olive oil

CODE

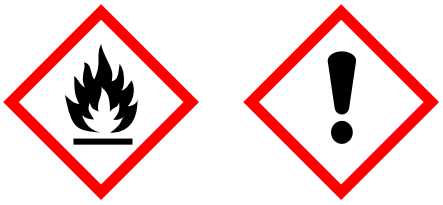
285482

Packs sizes (1)

CODE	PACKAGING SIZE
CODE 285482.0537	PACKAGING SIZE 30 l

Technical data

DENSITY:	0.765 kg/l
PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	285482
PRODUCT NAME:	Ethanol / Diethyl Ether 1:1 v/v + Bromophenol Blue 0,2 % for acidity determination in olive oil
QUALITY NAME:	for acidity determination in olive oil
SPECIFICATIONS:	COMPOSITION: Bromophenol Blue: 198 mg Diethyl Ether: 55 ml Ethanol 96 %: 55 ml Identity: passes test Density 20/4: 0.755 - 0.765

HAZARD PICTOGRAMS	
UN:	1993
CLASS/PG:	3/I
ADR:	3/I
IMDG:	3/I
IATA:	3/I
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H224 EUH019 H302 EUH066 H336
P PHRASES:	P210 P233 P240 P241 P242 P501 P243 P261 P264 P270 P271 P280 P301+P312 P303+P361+P353 P304+P340 P312

	P330 P370+P378 P403+P233 P403+P235 P405
MASTER NAME:	Ethanol-Diethyl Ether 1:1+Bromophenol Blue
CS:	3822 90 00 00

Embalming Mixture technical grade

CODE

214632

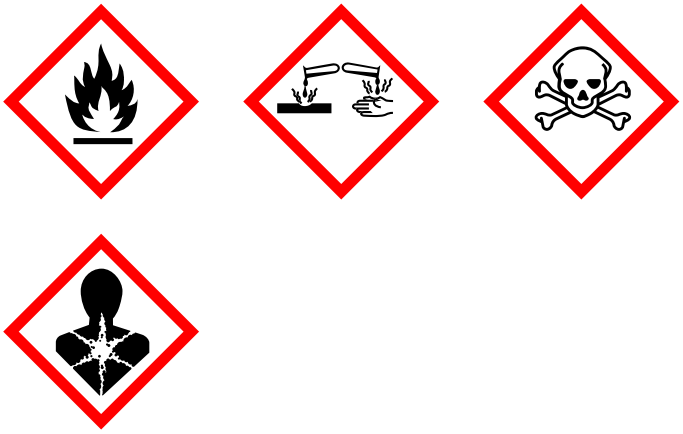
Packs sizes (2)

	CODE	PACKAGING SIZE
	CODE 214632.1214	PACKAGING SIZE 5 l
	CODE 214632.0716	PACKAGING SIZE 25 l

Technical data

DENSITY:	0.941 kg/l
SOLUBILITY:	Miscible with water
PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	214632
PRODUCT NAME:	Embalming Mixture technical grade
QUALITY NAME:	technical grade
SPECIFICATIONS:	COMPOSITION: Phenol 90 %: 12.5 ml Ethanol 96 %: 62.5 ml Formaldehyde solution 35-40 %: 7.5 ml Glycerol: 17.5 ml Density 20/4: 0.940 - 0.945

HAZARD PICTOGRAMS



UN:	1992
CLASS/PG:	3(6.1)/III
ADR:	3(6.1)/III
IMDG:	3(6.1)/III
IATA:	3(6.1)/III
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS06 GHS05 GHS08
H PHRASES:	H226 H331 H302 H317 H314 H350 H341 H373
P PHRASES:	P210 P233 P240 P241

P242
P501
P243
P260
P261
P264
P270
P272
P280
P301+P310
P301+P330+P331
P302+P352
P303+P361+P353
P304+P340
P305+P351+P338
P310
P312
P321
P322
P330
P333+P313
P338
P361
P363
P370+P378
P403+P235
P405
P201
P202
P281
P308+P313

MASTER NAME:	Embalming Mixture
CS:	3822 90 00 00

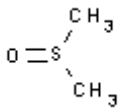
Dimethyl Sulfoxide (DMSO), sterile filtered (ampules)

Assay (GC): min. 99.9 %

CODE	**A7248**
CAS	**67-68-5**
MOLECULAR FORMULA	**C_2H_6OS**
MOLAR MASS	**78.13 g/mol**

Packs sizes (1)

	CODE	PACKAGING SIZE
	CODE A7248,0010	PACKAGING SIZE 5 x 10 ml



Technical data

REFRACTIVE INDEX:	n20/D 1.478 - 1.480
PHYSICAL DESCRIPTION:	Liquid
PRODUCT CODE:	A7248

PRODUCT NAME:	Dimethyl Sulfoxide (DMSO), sterile filtered (ampules)
SPECIFICATIONS:	Endotoxins: max. 40 E.U./g Assay (GC): min. 99.9 % Appearance: clear, colorless Water (K.F.): max. 0.5 % A (1 cm/water HPLC grade) 275 nm: max. 0.30
WGK:	1
STORAGE:	RT
EINECS:	200-664-3
CS:	29309098

Dimethyl Sulfoxide for UV, IR, HPLC, GPC

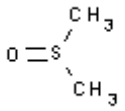
DMSO, Methylsulphoxide, Sulphinylbismethane

Minimum assay (G.C.): 99.9%

CODE	**361954**
CAS	**67-68-5**
MOLECULAR FORMULA	**C_2H_6OS**
MOLAR MASS	**78.13 g/mol**

Packs sizes (2)

	CODE	PACKAGING SIZE
	CODE 361954.1611	PACKAGING SIZE 1000 ml
	CODE 361954.1612	PACKAGING SIZE 2.5 l



Technical data

MELTING POINT:	18.4 °C
BOILING POINT:	189 °C

DENSITY:	1.103 kg/l
REFRACTIVE INDEX:	20/D 1.477
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	361954
PRODUCT NAME:	Dimethyl Sulfoxide for UV, IR, HPLC, GPC
QUALITY NAME:	for UV, IR, HPLC, GPC
SPECIFICATIONS:	Minimum assay (G.C.): 99.9% Maximum limit of impurities APHA colour: 10 Acidity: 0.0005 meq/g Alkalinity: 0.0002 meq/g Non-volatile matter: 0.001 % Water (H2O): 0.05 % Suitability for IR spectrometry:: passes test Fluorescence at 365 nm (as quinine): 7 ppb UV Spectrum (1cm cell; Ref.: water): Transmittance at 265 (Cut off) nm: ≥10% Transmittance at 270 nm: ≥30% Transmittance at 280 nm: ≥63% Transmittance at 290 nm: ≥70% Transmittance at 310 nm: ≥80% Transmittance at 330 nm: ≥94% Transmittance at 350-450 nm: ≥98% Data of interest in HPLC: Rohrschneider Polarity: 7.2 Eluotropic value e° (Al2O3): 0.75 Sol. H2O in solv. at 20°C: miscible For critical jobs, purge with nitrogen. Microfiltered product (0.2 µm) and bottled under nitrogen atmosphere.

WGK:	1
STORAGE:	Storage away from direct light.

MASTER NAME:	

	Dimethyl Sulphoxide
SYNONYMS LONG TEXT:	DMSO, Methylsulphoxide, Sulphinylbismethane
EINECS:	200-664-3
CS:	2930 90 98 99

Ethanol 70% v/v food grade

Ethyl Alcohol

Assay (by volume) (equiv. to 62.5% w/w) , not less than: 70%

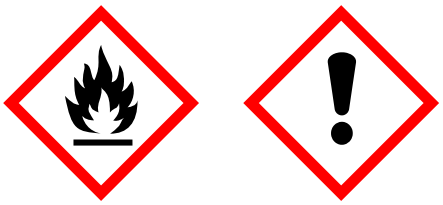
CODE	**202695**
CAS	**64-17-5**
MOLECULAR FORMULA	**CH_3CH_2OH**
MOLAR MASS	**46.07 g/mol**

Packs sizes (2)

	CODE	PACKAGING SIZE
	CODE 202695.1214	PACKAGING SIZE 5 l
	CODE 202695.0716	PACKAGING SIZE 25 l

Technical data

BOILING POINT:	78 - 79 °C
DENSITY:	0.890 kg/l
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	202695
PRODUCT NAME:	Ethanol 70% v/v food grade
QUALITY NAME:	food grade
HEADLINE COMMENT:	extraction solvent for industrial food use
SPECIFICATIONS:	Assay (by volume) (equiv. to 62.5% w/w) , not less than: 70% Acidity (as CH3COOH), not more than: 0.003% Alkalinity (as NH3), not more than: 3 ppm Non-volatile residue , not more than: 0.003% Darkened substances by H2SO4: passes test Reducing substances of KMnO4: passes test Fusel oil: passes test Solubility in water: passes test Ketones, 2-Propanol: passes test Methanol: passes test Arsenic, not more than: 1 ppm Lead, not more than: 0.5 ppm Specifications Dir. 2009/32/CE
HAZARD PICTOGRAMS	
UN:	1170
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02

	GHS07
H PHRASES:	H225 H319
P PHRASES:	P210 P233 P240 P241 P242 P501 P243 P280 P303+P361+P353 P370+P378 P403+P235 P264 P305+P351+P338 P337+P313

MASTER NAME:	Ethanol 70% v/v
SYNONYMS LONG TEXT:	Ethyl Alcohol
EINECS:	200-578-6
CS:	2208 90 99 90
INDEX NR.:	603-002-00-5

Ethanol 70% v/v (BP) pharma grade

Ethyl Alcohol

Assay (v/v): 69.5-70.4 %

CODE	**192695**
CAS	**64-17-5**
MOLECULAR FORMULA	**CH_3CH_2OH**
MOLAR MASS	**46.07 g/mol**

Packs sizes (7)

	CODE	PACKAGING SIZE
	CODE 192695.1211	PACKAGING SIZE 1000 ml
	CODE 192695.1212	PACKAGING SIZE 2.5 l
	CODE 192695.1214	PACKAGING SIZE 5 l
	CODE 192695.0515	PACKAGING SIZE 10 l
	CODE 192695.1315	PACKAGING SIZE 10 l

CODE
192695.0716

PACKAGING SIZE
25 l

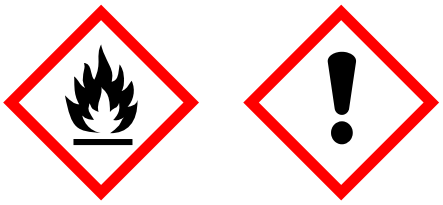
CODE
192695.0519

PACKAGING SIZE
200 l

Technical data

BOILING POINT:	78 - 79 °C
DENSITY:	0.890 kg/l
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	192695
PRODUCT NAME:	Ethanol 70% v/v (BP) pharma grade
QUALITY NAME:	pharma grade
SPECIFICATIONS:	Assay (v/v): 69.5-70.4 % Maximum limit of impurities Appearance: passes test Acidity or alkalinity: passes test Non-volatile matter (w/v): 0.0025 % Apparent density (BP): 883.5-885.8 Kg m-3 Residual solvents (Ph.Eur/USP): passes test Volatile impurities (G.C.):: passes test Methanol: 0.02 % Acetaldehyde and acetal: 0.001 % Benzene: 0.0002 % Total other impurities: 0.03 %

	Microfiltered product (0.22 µm) This product has been manufactured with Ethanol 96% which passes the USP, BP, Ph. Eur. specifications.
HAZARD PICTOGRAMS	
UN:	1170
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H319
P PHRASES:	P210 P233 P240 P241 P242 P501 P243 P280 P303+P361+P353 P370+P378 P403+P235 P264 P305+P351+P338 P337+P313

MASTER NAME:	Ethanol 70% v/v
SYNONYMS LONG TEXT:	Ethyl Alcohol
EINECS:	200-578-6
CS:	2208 90 99 90
INDEX NR.:	603-002-00-5

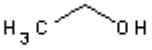
Ethanol 70 % (DAB) pure, pharma grade

Assay (v/v): 69.2 - 70.8 %

CODE	**A0913**
CAS	**64-17-5**
MOLECULAR FORMULA	**CH_3CH_2OH**
MOLAR MASS	**46.07 g/mol**

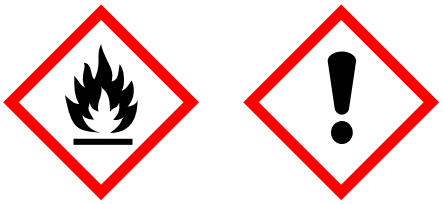
Packs sizes (3)

	CODE	PACKAGING SIZE	
	CODE A0913,0250	PACKAGING SIZE 250 ml	
	CODE A0913,1000	PACKAGING SIZE 1 L	Product active until stock lasts.
	CODE A0913,5000	PACKAGING SIZE 5 L	



Technical data

REFRACTIVE INDEX:	n20/D 1.364

PHYSICAL DESCRIPTION:	Liquid
PRODUCT CODE:	A0913
PRODUCT NAME:	Ethanol 70 % (DAB) pure, pharma grade
HEADLINE COMMENT:	This ethanol is intended for consumers in Germany only. The product may only be purchased at AppliChem Darmstadt.
SPECIFICATIONS:	Assay (v/v): 69.2 - 70.8 % Assay (w/w): 61.6 - 63.3 % Relative density: 0.885 - 0.889
HAZARD PICTOGRAMS	
UN:	1170
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1
STORAGE:	RT
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H319
P PHRASES:	P210 P280

	P303+P361+P353 P305+P351+P338 P403+P235 P501
EINECS:	200-578-6
CS:	22089091
INDEX NR.:	603-002-00-5

Ethanol 70 % for analysis

Assay (GC): min. 70 %

CODE	**A2192**
CAS	**64-17-5**
MOLECULAR FORMULA	**CH_3CH_2OH**
MOLAR MASS	**46.07 g/mol**

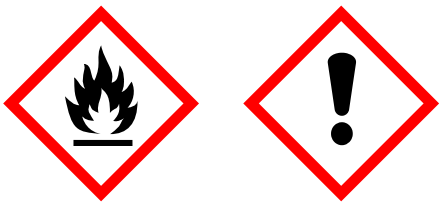
Packs sizes (1)

CODE	PACKAGING SIZE
CODE A2192,5000	PACKAGING SIZE 5 L

Technical data

REFRACTIVE INDEX:	n20/D 1.364
PHYSICAL DESCRIPTION:	Liquid
PRODUCT CODE:	A2192
PRODUCT NAME:	Ethanol 70 % for analysis
HEADLINE COMMENT:	This ethanol is intended for consumers in Germany only. The product may only be

purchased at AppliChem Darmstadt.

SPECIFICATIONS:	Assay (GC): min. 70 % Acidity/Alkalinity: max. 0.0005 meq/g Non-volatile matter: max. 0.001 % Total P: max. 0.0001 % Total S: max. 0.0001 % Total Si: max. 0.0002 % Acetone: max. 0.001 % Aldehydes: max. 0.001 % Methanol: max. 0.05 % Fe: max. 0.00001 % Mn: max. 0.00001 % Ni: max. 0.00001 % Pb: max. 0.00001 % Zn: max. 0.00001 % Cr: max. 0.00001 %
HAZARD PICTOGRAMS	
UN:	1170
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1
STORAGE:	RT
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H319

P PHRASES:	P210 P280 P303+P361+P353 P305+P351+P338 P403+P235 P501
EINECS:	200-578-6
CS:	22089099
INDEX NR.:	603-002-00-5

Ethanol / Diethyl Ether 1:1 v/v + Phenolphthalein 15 mg/L for acidity determination in olive oil

CODE

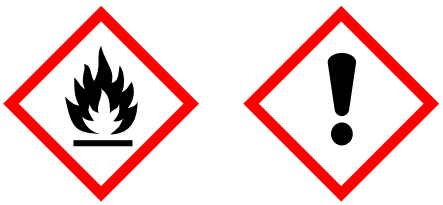
281298

Packs sizes (5)

	CODE	PACKAGING SIZE
	CODE 281298.1611	PACKAGING SIZE 1000 ml
	CODE 281298.1612	PACKAGING SIZE 2,5 l
	CODE 281298.0314	PACKAGING SIZE 5 l
	CODE 281298.0515	PACKAGING SIZE 10 l
	CODE 281298.0537	PACKAGING SIZE 30 l

Technical data

DENSITY:	0.76 kg/l

PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	281298
PRODUCT NAME:	Ethanol / Diethyl Ether 1:1 v/v + Phenolphthalein 15 mg/L for acidity determination in olive oil
QUALITY NAME:	for acidity determination in olive oil
SPECIFICATIONS:	COMPOSITION: Phenolphtalein: 1.5 mg Ethyl Ether: 50 ml Ethanol: 50 ml Identity: passes test Density 20/4: 0.755 - 0.765
HAZARD PICTOGRAMS	
UN:	1993
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H319 H336 EUH019

P PHRASES:	P210 P280 P303+P361+P353 P305+P351+P338 P501 P405
MASTER NAME:	Ethanol / Diethyl Ether 1:1 v/v + Phenolphthalein 15mg/L
CS:	3822 90 00 00

Ethanol 96% v/v (Ph.Eur, BP, USP) IPEC grade

Ethyl Alcohol

Assay (v/v) (d at 20°C): 95.1-96.9 %

CODE	**631085**
CAS	**64-17-5**
MOLECULAR FORMULA	**CH_3CH_2OH**
MOLAR MASS	**46.07 g/mol**

Packs sizes (2)

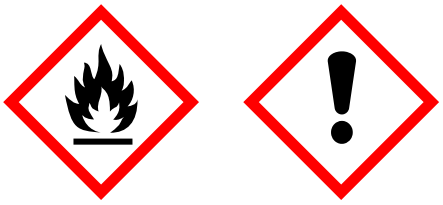
	CODE	PACKAGING SIZE
	CODE 631085.1214	PACKAGING SIZE 5 l
	CODE 631085.0716	PACKAGING SIZE 25 l

Technical data

MELTING POINT:	-114.1 °C
BOILING POINT:	78.5 °C

DENSITY:	0.805 kg/l
REFRACTIVE INDEX:	20/D 1.361
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	631085
PRODUCT NAME:	Ethanol 96% v/v (Ph.Eur, BP, USP) IPEC grade
QUALITY NAME:	IPEC grade
SPECIFICATIONS:	Assay (v/v) (d at 20°C): 95.1-96.9 % Assay (v/v) (d at 15.56/15.56°C): 94.9-96.0% Assay (w/w) (d at 20°C): 92.6-95.2% Assay (w/w) (d at 15.56/15.56°C): 92.3-93.8% Identity according to Pharmacopoeias: (A Ph. Eur / USP): passes test (B Ph. Eur / USP): IR passes test (C Ph. Eur): passes test (D Ph. Eur): passes test (C USP) Methanol ≤0,0200 %: passes test Density 20/20: 0.805-0.812 Specific gravity at 15.56° C: 0.812-0.816 Maximum limit of impurities ABS λ 240 nm: 0.40 ABS λ 250-260 nm: 0.30 ABS λ 270-340 nm: 0.10 ABS Absorption curve,smooth: passes test Appearance: passes test Appearance Clarity of solution USP: passes test Appearance Colour of solution USP: passes test Acidity or alkalinity (in CH3COOH): 0.0030% Non-volatile matter (w/v): 0.0025 % Residual solvents (Ph.Eur/USP): passes test Benzene: 0.0002% Volatile impurities (G.C.) Methanol: 0.0200% Acetaldehyde and acetal: 0.0010% Total other impurities: 0.0300%

HAZARD PICTOGRAMS	
UN:	1170
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
STORAGE:	Storage away from direct light.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H319
P PHRASES:	P210 P233 P240 P241 P242 P501 P243 P280 P303+P361+P353 P370+P378 P403+P235 P264 P305+P351+P338 P337+P313

MASTER NAME:	Ethanol 96% v/v
SYNONYMS LONG TEXT:	Ethyl Alcohol

EINECS:	200-578-6
CS:	2207 10 00 90
INDEX NR.:	603-002-00-5

Ethanol 96% v/v (F.C.C.) food grade

Ethyl Alcohol

Assay (by volume) (equiv. to 92.3% w/w) , not less than: 94.9%

CODE	**201085**
CAS	**64-17-5**
MOLECULAR FORMULA	**CH_3CH_2OH**
MOLAR MASS	**46.07 g/mol**

Packs sizes (1)

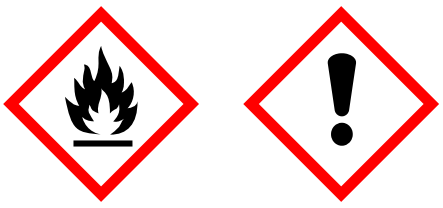
CODE	PACKAGING SIZE
CODE 201085.1214	PACKAGING SIZE 5 l

Technical data

MELTING POINT:	-114.1 °C
BOILING POINT:	78.5 °C
DENSITY:	0.805 kg/l
REFRACTIVE INDEX:	20/D 1.361
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	201085
PRODUCT NAME:	Ethanol 96% v/v (F.C.C.) food grade
QUALITY NAME:	food grade
HEADLINE COMMENT:	extraction solvent for industrial food use
SPECIFICATIONS:	Assay (by volume) (equiv. to 92.3% w/w) , not less than: 94.9% Identity: IR passes test Acidity (as CH3COOH), not more than: 0.003% Alkalinity (as NH3), not more than: 3 ppm Non-volatile residue , not more than: 0.003% Darkened substances by H2SO4: passes test Reducing substances of KMnO4: passes test Fusel oil: passes test Solubility in water: passes test Ketones, 2-Propanol: passes test Methanol and other volatile impurities (G.C.) Methanol, not more than: 200 ppm Any other single impurity, no more than: 1000 ppm Total impurities, no more than: 5000 ppm Arsenic, not more than: 1 ppm Lead, not more than: 0.5 ppm Specifications Dir. 2009/32/CE, F.C.C. 12 For use in foodstuffs according to F.C.C.

HAZARD PICTOGRAMS



UN:	1170
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II

STORAGE:	Storage away from direct light.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H319
P PHRASES:	P210 P233 P240 P241 P242 P501 P243 P280 P303+P361+P353 P370+P378 P403+P235 P264 P305+P351+P338 P337+P313

MASTER NAME:	Ethanol 96% v/v
SYNONYMS LONG TEXT:	Ethyl Alcohol
EINECS:	200-578-6
CS:	2207 10 00 90
INDEX NR.:	603-002-00-5

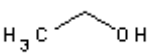
Ethanol 96 % v/v (Ph. Eur., BP) pure, pharma grade

Assay (w/w): 92.6 - 95.2 %

CODE	**A1615**
CAS	**64-17-5**
MOLECULAR FORMULA	**CH_3CH_2OH**
MOLAR MASS	**46.07 g/mol**

Packs sizes (2)

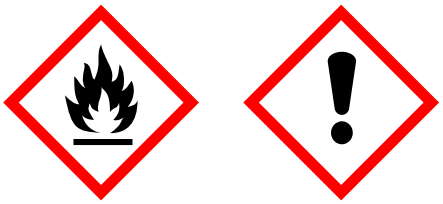
	CODE	PACKAGING SIZE	
	CODE A1615,2500GL	PACKAGING SIZE 2.5 L	
	CODE A1615,5000PE	PACKAGING SIZE 5 L	Product active until stock lasts.



Technical data

REFRACTIVE INDEX:	n20/D 1.3611 (abs.)
PHYSICAL DESCRIPTION:	Liquid

PRODUCT CODE:	A1615
PRODUCT NAME:	Ethanol 96 % v/v (Ph. Eur., BP) pure, pharma grade
HEADLINE COMMENT:	This ethanol is intended for consumers in Germany only. The product may only be purchased at AppliChem Darmstadt.
SPECIFICATIONS:	Assay (w/w): 92.6 - 95.2 % Assay (v/v): 95.1 - 96.9 % Identity: passes test Appearance: passes test Volatile org. impurities (GC): passes test Density (d 20°C/20°C): 0.805 - 0.812 Non-volatile matter: max. 25 mg/L Acidic/alkaline react. subst.: passes test Absorption 240 nm: max. 0.40 250 - 260 nm: max. 0.30 270 - 340 nm: max. 0.10 Elemental impurities (according to ICH Q3D): Class 1 (Cd): max. 0.5 ppm Class 2B (Au): max. 10 ppm Class 2B (Rh): max. 10 ppm Class 2A (Co): max. 5 ppm Class 3 (Li): max. 55 ppm Class 1 (Pb): max. 0.5 ppm Class 1 (As): max. 1.5 ppm Class 1 (Hg): max. 1.5 ppm Class 2A (V): max. 10 ppm Class 2A (Ni): max. 20 ppm Class 2B (Tl): max. 0.8 ppm Class 2B (Pd): max. 10 ppm Class 2B (Ir): max. 10 ppm Class 2B (Os): max. 10 ppm Class 2B (Ru): max. 10 ppm Class 2B (Pt): max. 10 ppm Class 2B (Se): max. 15 ppm Class 2B (Ag): max. 15 ppm Class 3 (Sb): max. 120 ppm Class 3 (Ba): max. 140 ppm Class 3 (Mo): max. 25 ppm Class 3 (Cr): max. 25 ppm Class 3 (Cu): max. 250 ppm

	Class 3 (Sn): max. 600 ppm
HAZARD PICTOGRAMS	
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CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1
STORAGE:	RT
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H319
P PHRASES:	P210 P280 P303+P361+P353 P305+P351+P338 P403+P235 P501
EINECS:	200-578-6
CS:	22071000
INDEX NR.:	603-002-00-5

Ethanol 96 % v/v for analysis

Assay: min. 96 %

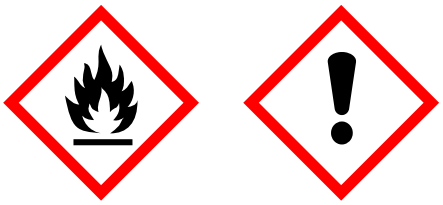
CODE	**A1868**
CAS	**64-17-5**
MOLECULAR FORMULA	**CH_3CH_2OH**
MOLAR MASS	**46.07 g/mol**

Packs sizes (1)

CODE	PACKAGING SIZE
CODE A1868,1000	PACKAGING SIZE 1 L

Technical data

REFRACTIVE INDEX:	n20/D 1.3611 (abs.)
PHYSICAL DESCRIPTION:	Liquid
PRODUCT CODE:	A1868
PRODUCT NAME:	Ethanol 96 % v/v for analysis
HEADLINE COMMENT:	Product can only be sold by AppliChem (Germany).

SPECIFICATIONS:	Assay: min. 96 % Acidity/Alkalinity: max. 0.0005 meq/g Non-volatile matter: max. 0.001 % Total P: max. 0.0001 % Total S: max. 0.0001 % Total Si: max. 0.0002 % Acetone: max. 0.001 % Aldehydes: max. 0.001 % Methanol: max. 0.05 % Cr: max. 0.00001 % Fe: max. 0.00001 % Mn: max. 0.00001 % Ni: max. 0.00001 % Pb: max. 0.00001 % Zn: max. 0.00001 %
HAZARD PICTOGRAMS	
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CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1
STORAGE:	RT
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H319

P PHRASES:	P210 P280 P303+P361+P353 P305+P351+P338 P403+P235 P501
EINECS:	200-578-6
CS:	22071000
INDEX NR.:	603-002-00-5

Ethanol 96 % denatured with IPA, MEK and Bitrex pure

Assay (GC, denaturant not included): min. 96.0 %

CODE	**147195**
CAS	**64-17-5**
MOLECULAR FORMULA	**CH_3CH_2OH**
MOLAR MASS	**46.07 g/mol**

Packs sizes (1)

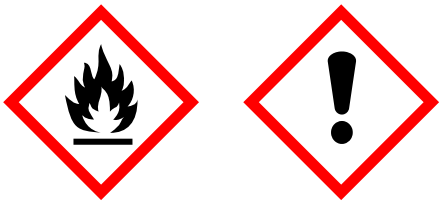
CODE	PACKAGING SIZE
CODE 147195.1212	PACKAGING SIZE 2.5 L

Technical data

REFRACTIVE INDEX:	n20/D 1.3611 (abs.)
PHYSICAL DESCRIPTION:	Liquid
PRODUCT CODE:	147195
PRODUCT NAME:	Ethanol 96 % denatured with IPA, MEK and Bitrex pure

SHORT DESCRIPTION:	additional product description: According to Regulation (EU) 2017/1112 of 22 June 2017
HEADLINE COMMENT:	**This product can be purchased tax-free within the EU. Buyers outside Germany must be certified recipients.** Contains per 100 L Alcohol: 0.96 L IPA, 0.96 L MEK and 0.96 g Bitrex
SPECIFICATIONS:	Assay (GC, denaturant not included): min. 96.0 % Acidity (as CH_3COOH): max. 1.0 mg/100 mL Identity (IR): passes test Density (d 20°C): 0.804 - 0.807 kg/l

HAZARD PICTOGRAMS



UN:	1170
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1
STORAGE:	RT
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H319
P PHRASES:	P210 P280

	P303+P361+P353 P305+P351+P338 P403+P235 P501
EINECS:	200-578-6
CS:	22072000
INDEX NR.:	603-002-00-5

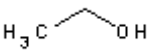
Ethanol 99.8 % denatured with IPA, MEK and Bitrex pure

Assay (GC, denaturant not included): min. 99.8 %

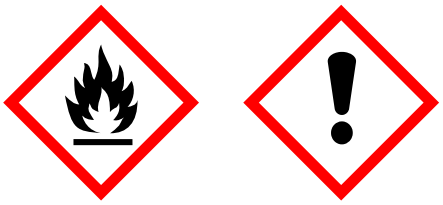
CODE	**147194**
CAS	**64-17-5**
MOLECULAR FORMULA	**CH_3CH_2OH**
MOLAR MASS	**46.07 g/mol**

Packs sizes (3)

	CODE	PACKAGING SIZE
	147194.1214	5 L
	147194.1215	10 L
	147194.0716	25 L



Technical data

REFRACTIVE INDEX:	n20/D 1.3611 (abs.)
PHYSICAL DESCRIPTION:	Liquid
PRODUCT CODE:	147194
PRODUCT NAME:	Ethanol 99.8 % denatured with IPA, MEK and Bitrex pure
SHORT DESCRIPTION:	additional product description: According to Regulation (EU) 2017/1112 of 22 June 2017
HEADLINE COMMENT:	**This product can be purchased tax-free within the EU. Buyers outside Germany must be certified recipients.** Contains per 100 L Alcohol: 1.0 L IPA, 1.0 L MEK and 1.0 g Bitrex
SPECIFICATIONS:	Assay (GC, denaturant not included): min. 99.8 % Acidity (as CH_3COOH): max. 1.0 mg/100 mL Identity (IR): passes test Density (d 20°C): 0.788 - 0.790 kg/l Water (K.F.): max. 0.3 %
HAZARD PICTOGRAMS	
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ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1
STORAGE:	RT

SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H319
P PHRASES:	P210 P233 P241 P280 P305+P351+P338 P501

EINECS:	200-578-6
CS:	22072000
INDEX NR.:	603-002-00-5

Ethanol 96% v/v partially denatured technical grade

Ethyl Alcohol

Minimum assay (in vol. of CH3CH2OH): 95.5%

CODE	**212800**
CAS	**64-17-5**
MOLECULAR FORMULA	**CH_3CH_2OH**
MOLAR MASS	**46.07 g/mol**

Packs sizes (4)

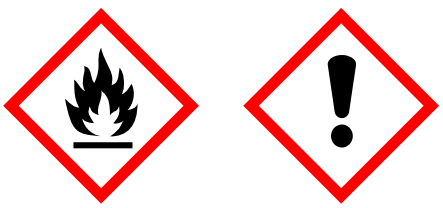
	CODE	PACKAGING SIZE	
	CODE 212800.1214	PACKAGING SIZE 5 l	
	CODE 212800.1315	PACKAGING SIZE 10 l	Product discontinued. Alternative 212800.1214 (please check specifications).
	CODE 212800.0716	PACKAGING SIZE 25 l	
	CODE 212800.9774	PACKAGING SIZE 1000 l	

Technical data

MELTING POINT:	-114.1 °C
BOILING POINT:	78.5 °C
DENSITY:	0.811 kg/l
REFRACTIVE INDEX:	20/D 1.361
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	212800
PRODUCT NAME:	Ethanol 96% v/v partially denatured technical grade
QUALITY NAME:	technical grade
HEADLINE COMMENT:	contains 0,3% v/v of Diethyl Phthalate and 2 ppm of Bitrex.
SPECIFICATIONS:	Minimum assay (in vol. of CH3CH2OH): 95.5% Density 20/4: 0.804-0.813 Alkalinity (as NH3): 0.002 % Diethyl Phthalate (v/v): 0.3% DO NOT USE FOR ALIMENTARY PURPOSE Sells are not allowed in EU except Spain.

HAZARD PICTOGRAMS



UN:	1170

CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H319
P PHRASES:	P210 P233 P240 P241 P242 P501 P243 P280 P303+P361+P353 P370+P378 P403+P235 P264 P305+P351+P338 P337+P313

MASTER NAME:	Ethanol 96% v/v *partially denatured
SYNONYMS LONG TEXT:	Ethyl Alcohol
EINECS:	200-578-6
CS:	2207 20 00 90
INDEX NR.:	603-002-00-5

Ethanol 96% v/v for UV, IR, HPLC

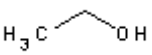
Ethyl Alcohol

Minimum assay (v/v): 96%

CODE	**361085**
CAS	**64-17-5**
MOLECULAR FORMULA	**CH_3CH_2OH**
MOLAR MASS	**46.07 g/mol**

Packs sizes (2)

	CODE	PACKAGING SIZE	
	CODE 361085.1611	PACKAGING SIZE 1000 ml	
	CODE 361085.0537	PACKAGING SIZE 30 l	Product discontinued. Alternative 361085.1611 (please check specifications).

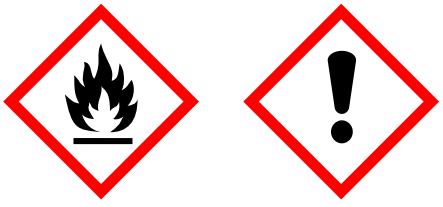


ⓘ Technical data

MELTING POINT:	-114.1 °C
BOILING POINT:	78.5 °C

DENSITY:	0.805 kg/l
REFRACTIVE INDEX:	20/D 1.361
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	361085
PRODUCT NAME:	Ethanol 96% v/v for UV, IR, HPLC
QUALITY NAME:	for UV, IR, HPLC
SPECIFICATIONS:	Minimum assay (v/v): 96% Density 20/4: 0.804-0.807 Maximum limit of impurities APHA colour: 10 Acidity: 0.0005 meq/g Alkalinity: 0.0002 meq/g Non-volatile matter: 0.0005 % Suitability for IR spectrometry:: passes test UV Spectrum (1cm cell; Ref.: water): Transmittance at 207 (Cut off) nm: ≥10% Transmittance at 210 nm: ≥35% Transmittance at 220 nm: ≥55% Transmittance at 230 nm: ≥72% Transmittance at 240 nm: ≥90% Transmittance at 270-400 nm: ≥98% Data of interest in HPLC: Rohrschneider Polarity: 4.3 Eluotropic value e° (Al2O3): 0.88 Sol. H2O in solv. at 20°C: miscible For critical jobs, purge with nitrogen. Microfiltered product (0.2 µm) and bottled under nitrogen atmosphere.

HAZARD PICTOGRAMS	
UN:	1170

CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
STORAGE:	Storage away from direct light.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H319
P PHRASES:	P210 P233 P240 P241 P242 P501 P243 P280 P303+P361+P353 P370+P378 P403+P235 P264 P305+P351+P338 P337+P313

MASTER NAME:	Ethanol 96% v/v
SYNONYMS LONG TEXT:	Ethyl Alcohol
EINECS:	200-578-6
CS:	2207 10 00 90
INDEX NR.:	603-002-00-5

Ethanol 96% v/v (CE-IVD) for clinical diagnostics

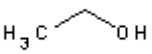
Ethyl Alcohol

Assay (G.C.) (v/v): 96%

CODE	**251085**
CAS	**64-17-5**
MOLECULAR FORMULA	**CH_3CH_2OH**
MOLAR MASS	**46.07 g/mol**

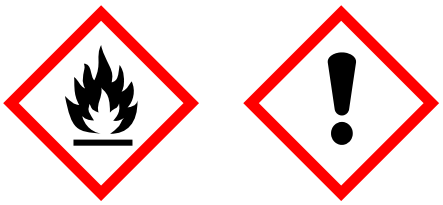
Packs sizes (1)

CODE	PACKAGING SIZE
CODE 251085.1214	PACKAGING SIZE 5 l



Technical data

MELTING POINT:	-114.1 °C
BOILING POINT:	78.5 °C
DENSITY:	0.805 kg/l
REFRACTIVE INDEX:	20/D 1.361

PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	251085
PRODUCT NAME:	Ethanol 96% v/v (CE-IVD) for clinical diagnostics
QUALITY NAME:	for clinical diagnostics
HEADLINE COMMENT:	In Vitro Diagnostic medical device class A in compliance to the Regulation (EU) 2017/746.
SPECIFICATIONS:	Assay (G.C.) (v/v): 96% Identity: IR passes test Density 20/4: 0.804-0.807 Maximum limit of impurities Non-volatile matter: 0.0005 % Filtered product (1 mm).
HAZARD PICTOGRAMS	
UN:	1170
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
STORAGE:	Storage away from direct light.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H319

P PHRASES:	P210 P233 P240 P241 P242 P501 P243 P280 P303+P361+P353 P370+P378 P403+P235 P264 P305+P351+P338 P337+P313

MASTER NAME:	Ethanol 96% v/v
SYNONYMS LONG TEXT:	Ethyl Alcohol
EINECS:	200-578-6
CS:	2207 10 00 90
INDEX NR.:	603-002-00-5

Ethanol 96% v/v (Reag. USP, Ph. Eur.) for analysis, ACS

Ethyl Alcohol

Assay (G.C.) (v/v): 96.0 - 96.6 %

CODE	**131085**
CAS	**64-17-5**
MOLECULAR FORMULA	**CH_3CH_2OH**
MOLAR MASS	**46.07 g/mol**

Packs sizes (7)

	CODE	PACKAGING SIZE
	CODE 131085.1211	PACKAGING SIZE 1000 ml
	CODE 131085.1611	PACKAGING SIZE 1000 ml
	CODE 131085.1212	PACKAGING SIZE 2.5 l
	CODE 131085.1612	PACKAGING SIZE 2.5 l
	CODE 131085.1214	PACKAGING SIZE 5 l

Product active until stock lasts.

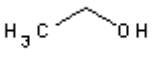
CODE
131085.1315

PACKAGING SIZE
10 l

Product active until stock lasts.

CODE
131085.0716

PACKAGING SIZE
25 l



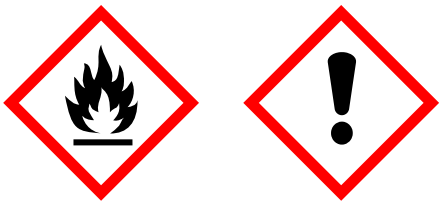
Technical data

MELTING POINT:	-114.1 °C
BOILING POINT:	78.5 °C
DENSITY:	0.805 kg/l
REFRACTIVE INDEX:	20/D 1.361
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	131085
PRODUCT NAME:	Ethanol 96% v/v (Reag. USP, Ph. Eur.) for analysis, ACS
QUALITY NAME:	for analysis, ACS
SPECIFICATIONS:	Assay (G.C.) (v/v): 96.0 - 96.6 % Identity: IR passes test according to Pharmacopoeias:: passes test Density 20/20: 0.805-0.812 Maximum limit of impurities APHA colour: 10 Appearance: passes test

Appearance Clarity of solution: passes test
Acidity: 0.0005 meq/g
Alkalinity: 0.0002 meq/g
Insoluble matter in H2O: passes test
Non-volatile matter: 0.0005 %
Reducing substance to KMnO4: passes test
Darkened substances by H2SO4: passes test
Carbonyl compounds (as CH3CHO): 0.005%
Fusel oil: passes test
Residual solvents (Ph.Eur/USP): passes test
Absorbance: passes test
Acetone (G.C.): 0.001%
2-Butanol (G.C.): 0.02%
2-Propanol (G.C.): 0.003%
Butanone (G.C.): 0.003%
3-Methyl-1-Butanol (G.C.): 0.05%
Acetaldehyde and acetal: 0.001 %
Volatile impurities (G.C.):
Methanol: 0.02 %
Benzene: 0.0002 %
Total other impurities: 0.03 %
Residual metals ICP: (according to EMEA/CHMP /SWP/4446/2000)
Class 1A (Pt, Pd): 10 ppm
Class 1B (Ir, Rh, Ru, Os): 10 ppm
Class 1C (Mo, Ni, Cr, V): 25 ppm
Class 2 (Cu, Mn): 250 ppm
Class 3 (Fe, Zn): 1,300 ppm

Metals by ICP [in mg/Kg (ppm)]
Ag: 0.05
Al: 0.5
As: 0.05
Au: 0.05
B: 0.02
Ba: 0.1
Be: 0.02
Bi: 0.05
Ca: 0.5
Cd: 0.05
Co: 0.02
Cr: 0.02
Cu: 0.1
Fe: 0.1

	Ga: 0.02 Ge: 0.05 Hg: 0.05 In: 0.05 K: 0.1 Li: 0.05 Mg: 0.1 Mn: 0.02 Mo: 0.02 Na: 0.5 Ni: 0.02 P: 0.2 Pb: 0.1 Pt: 0.02 S: 0.2 Sb: 0.02 Si: 0.2 Sn: 0.1 Sr: 0.2 Ti: 0.02 Tl: 0.02 V: 0.02 Zn: 0.1 Zr: 0.02
HAZARD PICTOGRAMS	
UN:	1170
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
STORAGE:	Storage away from direct light.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02

	GHS07
H PHRASES:	H225 H319
P PHRASES:	P210 P233 P240 P241 P242 P501 P243 P280 P303+P361+P353 P370+P378 P403+P235 P264 P305+P351+P338 P337+P313

MASTER NAME:	Ethanol 96% v/v
SYNONYMS LONG TEXT:	Ethyl Alcohol
EINECS:	200-578-6
CS:	2207 10 00 90
INDEX NR.:	603-002-00-5

Ethanol absolute (CE-IVD) for clinical diagnostics

Ethyl Alcohol

Assay (G.C.) (v/v): 99.8%

CODE	**251086**
CAS	**64-17-5**
MOLECULAR FORMULA	**CH_3CH_2OH**
MOLAR MASS	**46.07 g/mol**

Packs sizes (5)

	CODE	PACKAGING SIZE
	251086.1211	1000 ml
	251086.1212	2,5 l
	251086.1214	5 l
	251086.9914	5 l
	251086.1215	10 l

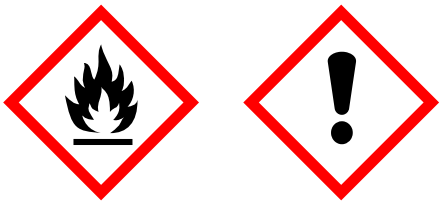
Product active until stock lasts.

Technical data

MELTING POINT:	-114.1 °C
BOILING POINT:	78.5 °C
DENSITY:	0.790 kg/l
REFRACTIVE INDEX:	20/D 1.361
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	251086
PRODUCT NAME:	Ethanol absolute (CE-IVD) for clinical diagnostics
QUALITY NAME:	for clinical diagnostics
HEADLINE COMMENT:	In Vitro Diagnostic medical device class A in compliance to the Regulation (EU) 2017/746.
SPECIFICATIONS:	Assay (G.C.) (v/v): 99.8% Identity: IR passes test Density 20/4: 0.789-0.790 **Maximum limit of impurities** Non-volatile matter: 0.0005 % Filtered product (1 mm). Water (H2O): 0.2 %

HAZARD PICTOGRAMS



UN:	1170

CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
STORAGE:	Storage away from direct light.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H319
P PHRASES:	P210 P233 P240 P241 P242 P501 P243 P280 P303+P361+P353 P370+P378 P403+P235 P264 P305+P351+P338 P337+P313

MASTER NAME:	Ethanol absolute
SYNONYMS LONG TEXT:	Ethyl Alcohol
EINECS:	200-578-6
CS:	2207 10 00 90
INDEX NR.:	603-002-00-5

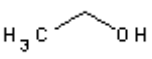
Ethanol absolute for analysis

Assay (GC): min. 99.8 %

CODE	**A1613**
CAS	**64-17-5**
MOLECULAR FORMULA	**CH_3CH_2OH**
MOLAR MASS	**46.07 g/mol**

Packs sizes (4)

	CODE	PACKAGING SIZE	
	CODE A1613,1000GL	PACKAGING SIZE 1 L	
	CODE A1613,1000PE	PACKAGING SIZE 1 L	Product active until stock lasts.
	CODE A1613,2500PE	PACKAGING SIZE 2.5 L	
	CODE A1613,5000PE	PACKAGING SIZE 5 L	Product active until stock lasts.

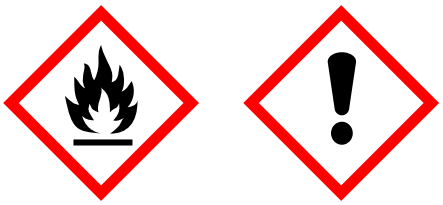


Technical data

REFRACTIVE INDEX:	n20/D 1.3611 (abs.)
PHYSICAL DESCRIPTION:	Liquid

PRODUCT CODE:	A1613
PRODUCT NAME:	Ethanol absolute for analysis
HEADLINE COMMENT:	This ethanol is intended for consumers in Germany only. The product may only be purchased at AppliChem Darmstadt.
SPECIFICATIONS:	Assay (GC): min. 99.8 % Acidity/Alkalinity: max. 0.0005 meq/g Non-volatile matter: max. 0.001 % Total P: max. 0.0001 % Total S: max. 0.0001 % Total Si: max. 0.0002 % Density (d 20°C/20°C): 0.790 - 0.793 Acetone: max. 0.001 % Aldehydes: max. 0.001 % Methanol: max. 0.05 % Water (K.F.): max. 0.2 % Fe: max. 0.00001 % Mn: max. 0.00001 % Ni: max. 0.00001 % Pb: max. 0.00001 % Zn: max. 0.00001 % Cr: max. 0.00001 %

HAZARD PICTOGRAMS



UN:	1170
CLASS/PG:	3/II

ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1
STORAGE:	RT
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H319
P PHRASES:	P210 P233 P241 P280 P305+P351+P338 P501

EINECS:	200-578-6
CS:	22071000
INDEX NR.:	603-002-00-5

Ethanol absolute (USP, BP, Ph.Eur.) pharma grade

Ethyl Alcohol

Minimum assay (G.C.) (v/v): 99.5%

CODE	**191086**
CAS	**64-17-5**
MOLECULAR FORMULA	**CH_3CH_2OH**
MOLAR MASS	**46.07 g/mol**

Packs sizes (9)

	CODE	PACKAGING SIZE
	CODE 191086.1211	PACKAGING SIZE 1000 ml
	CODE 191086.1611	PACKAGING SIZE 1000 ml
	CODE 191086.1212	PACKAGING SIZE 2.5 l
	CODE 191086.1612	PACKAGING SIZE 2.5 l

CODE
191086.1214

PACKAGING
SIZE
5 l

CODE
191086.9914

PACKAGING
SIZE
5 l

CODE
191086.0716

PACKAGING
SIZE
25 l

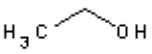
CODE
191086.0819

PACKAGING
SIZE
200 l

Product discontinued. Alternative 191086.3619 (please check specifications).

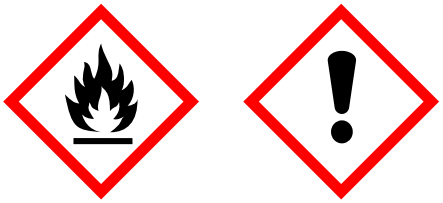
CODE
191086.3619

PACKAGING
SIZE
200 l



Technical data

MELTING POINT:	-114.1 °C
BOILING POINT:	78.5 °C
DENSITY:	0.790 kg/l
REFRACTIVE INDEX:	20/D 1.361
PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	191086

PRODUCT NAME:	Ethanol absolute (USP, BP, Ph.Eur.) pharma grade
QUALITY NAME:	pharma grade
SPECIFICATIONS:	Minimum assay (G.C.) (v/v): 99.5% Identity according to Pharmacopoeias:: passes test Density 20/20: 0.7907-0.7932 Specific gravity at 15.56° C: < 0.7962 Maximum limit of impurities Appearance: passes test Acidity or alkalinity: passes test Insoluble matter in in H2O: passes test Non-volatile matter (w/v): 0.0025 % Reducing substance to KMnO4: passes test Clarity: passes test Absorbance: passes test Fusel oil: passes test Residual solvents (Ph.Eur/USP): passes test 1-Pentanol, non-volatile subst. and carbonized subst. by H2SO4: passes test Acetone, 2-Propanol and 2-Methyl-2-Propanol: passes test Aldehydes (as CH3CHO): 0.001% Benzene (U.V.): 0.0002% Butanone (G.C.): 0.02% Volatile impurities (G.C.) Methanol: 0.02% Acetaldehyde and acetal: 0.001% Benzene: 0.0002 % Total other impurities: 0.03 % Water (H2O): 0.5 %
HAZARD PICTOGRAMS	
UN:	1170
CLASS/PG:	3/II

ADR:	3/II
IMDG:	3/II
IATA:	3/II
STORAGE:	Storage away from direct light.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H319
P PHRASES:	P210 P233 P240 P241 P242 P501 P243 P280 P303+P361+P353 P370+P378 P403+P235 P264 P305+P351+P338 P337+P313

MASTER NAME:	Ethanol absolute
SYNONYMS LONG TEXT:	Ethyl Alcohol
EINECS:	200-578-6
CS:	2207 10 00 90
INDEX NR.:	603-002-00-5

Ethanol absolute dry (max. 0.02% water)

Ethyl Alcohol

Minimum assay (G.C.) (v/v): 99.8%

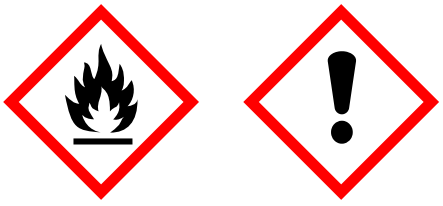
CODE	**481086**
CAS	**64-17-5**
MOLECULAR FORMULA	**CH_3CH_2OH**
MOLAR MASS	**46.07 g/mol**

Packs sizes (1)

CODE	PACKAGING SIZE
CODE 481086.1611	PACKAGING SIZE 1000 ml

Technical data

MELTING POINT:	-114.1 °C
BOILING POINT:	78.5 °C
DENSITY:	0.790 kg/l
REFRACTIVE INDEX:	20/D 1.361
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	481086
PRODUCT NAME:	Ethanol absolute dry (max. 0.02% water)
SPECIFICATIONS:	Minimum assay (G.C.) (v/v): 99.8% Identity: IR passes test Density 20/4: 0.789-0.790 **Maximum limit of impurities** APHA colour: 10 Acidity: 0.0005 meq/g Alkalinity: 0.0002 meq/g Insoluble matter in H2O: passes test Non-volatile matter: 0.0005 % Darkened substances by H2SO4: passes test Carbonyl compounds (as CH3CHO): 0.005% Acetone (G.C.): 0.001% 2-Butanol (G.C.): 0.02% Butanone (G.C.): 0.003% Methanol (G.C.): 0.02% Water (H2O): 0.02 % Ca: 0.000 05% Cd: 0.000 005% Co: 0.000 002% Cr: 0.000 002% Cu: 0.000 01% Fe: 0.000 01% Mg: 0.000 01% Mn: 0.000 002% Ni: 0.000 002% Pb: 0.000 01% Zn: 0.000 01%
HAZARD PICTOGRAMS	
UN:	1170
CLASS/PG:	3/II
ADR:	

	3/II
IMDG:	3/II
IATA:	3/II
STORAGE:	Storage away from direct light.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H319
P PHRASES:	P210 P233 P240 P241 P242 P501 P243 P280 P303+P361+P353 P370+P378 P403+P235 P264 P305+P351+P338 P337+P313

MASTER NAME:	Ethanol absolute
SYNONYMS LONG TEXT:	Ethyl Alcohol
EINECS:	200-578-6
CS:	2207 10 00 90
INDEX NR.:	603-002-00-5

Ethanol absolute (Ph. Eur, BP, USP, JP) low endotoxin, IPEC grade

Ethyl Alcohol

Minimum assay (v/v) (d at 20/20°C): 99.5%

CODE	**631086**
CAS	**64-17-5**
MOLECULAR FORMULA	**CH_3CH_2OH**
MOLAR MASS	**46.07 g/mol**

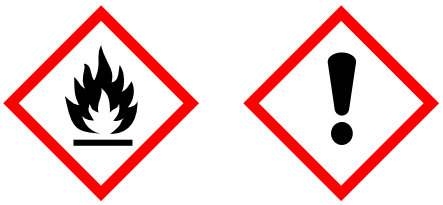
Packs sizes (4)

	CODE	PACKAGING SIZE	
	CODE 631086.0716	PACKAGING SIZE 25 l	
	CODE 631086.0819	PACKAGING SIZE 200 l	Product discontinued. Alternative 631086.3619 (please check specifications).
	CODE 631086.3619	PACKAGING SIZE 200 l	
	CODE 631086.9774	PACKAGING SIZE 1000 l	

Technical data

MELTING POINT:	-114.1 °C
BOILING POINT:	78.5 °C
DENSITY:	0.790 kg/l
REFRACTIVE INDEX:	20/D 1.361
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	631086
PRODUCT NAME:	Ethanol absolute (Ph. Eur, BP, USP, JP) low endotoxin, IPEC grade
QUALITY NAME:	low endotoxin, IPEC grade
SPECIFICATIONS:	Minimum assay (v/v) (d at 20/20°C): 99.5% Minimum assay (v/v) (d at 15.56/15.56°C): 99.5% Minimum assay (v/v) (d at 15/15°C): 99.5% Identity (A Ph. Eur / USP): passes test (B Ph. Eur / USP): IR passes test (C Ph. Eur): passes test (D Ph. Eur): passes test according to Pharmacopoeias: (C USP) Methanol ≤0,0200 %: passes test Density 20/20: 0.790-0.793 Density 15/15: 0.794-0.797 Specific gravity at 15.56° C: <0.7962 Maximum limit of impurities ABS λ 240 nm: 0.40 ABS λ 250-260 nm: 0.30 ABS λ 270-340 nm: 0.10 ABS Absorption curve,smooth: passes test

	Appearance: passes test Appearance Clarity of solution USP: passes test Appearance Colour of solution USP: passes test Acidity or alkalinity (in CH3COOH): 0.0030% Non-volatile matter (w/v): 0.0025% Residual solvents (Ph.Eur/USP): passes test Microbial Limits Bacterial endotoxins: 2.5 IU/mL Volatile impurities (G.C.): Methanol: 0.0200% Acetaldehyde and acetal: 0.0010% Benzene: 0.0002% Total other impurities: 0.0300%
HAZARD PICTOGRAMS	
UN:	1170
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
STORAGE:	Storage away from direct light.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H319
P PHRASES:	P210 P233 P240 P241 P242 P501

	P243 P280 P303+P361+P353 P370+P378 P403+P235 P264 P305+P351+P338 P337+P313
MASTER NAME:	Ethanol absolute
SYNONYMS LONG TEXT:	Ethyl Alcohol
EINECS:	200-578-6
CS:	2207 10 00 90
INDEX NR.:	603-002-00-5

Ethanol absolute partially denatured technical grade

Ethyl Alcohol

Minimum assay (in vol. of CH3CH2OH): 99.5%

CODE	**212801**
CAS	**64-17-5**
MOLECULAR FORMULA	**CH_3CH_2OH**
MOLAR MASS	**46.07 g/mol**

Packs sizes (6)

	CODE	PACKAGING SIZE	
	CODE 212801.1211	PACKAGING SIZE 1000 ml	
	CODE 212801.1214	PACKAGING SIZE 5 l	
	CODE 212801.2814	PACKAGING SIZE 5 l	
	CODE 212801.1315	PACKAGING SIZE 10 l	Product discontinued. Alternative 212801.1214 (please check specifications).

CODE
212801.0716

PACKAGING SIZE
25 l

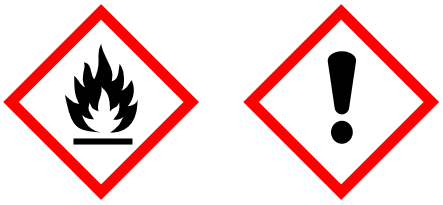
CODE
212801.9774

PACKAGING SIZE
1000 l

Technical data

MELTING POINT:	-114.1 °C
BOILING POINT:	78.5 °C
DENSITY:	0.791 kg/l
REFRACTIVE INDEX:	20/D 1.361
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	212801
PRODUCT NAME:	Ethanol absolute partially denatured technical grade
QUALITY NAME:	technical grade
HEADLINE COMMENT:	contains 0,3% v/v of Diethyl Phthalate and 2 ppmof Bitrex.
SPECIFICATIONS:	Minimum assay (in vol. of CH3CH2OH): 99.5% Density 20/4: 0.789-0.793 Alkalinity (as NH3): 0.002 % Diethyl Phthalate (as v/v): 0.3% Water (H2O): 0.5 %

	DO NOT USE FOR ALIMENTARY PURPOSE Sells are not allowed in EU except Spain.
HAZARD PICTOGRAMS	
UN:	1170
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H319
P PHRASES:	P210 P233 P240 P241 P242 P501 P243 P280 P303+P361+P353 P370+P378 P403+P235 P264 P305+P351+P338 P337+P313
MASTER NAME:	Ethanol absolute *partially denatured

SYNONYMS LONG TEXT:	Ethyl Alcohol
EINECS:	200-578-6
CS:	2207 20 00 90
INDEX NR.:	603-002-00-5

Ethanol absolute for UV, IR, HPLC

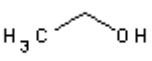
Ethyl Alcohol

Minimum assay (G.C.) (v/v): 99.9%

CODE	**361086**
CAS	**64-17-5**
MOLECULAR FORMULA	**CH_3CH_2OH**
MOLAR MASS	**46.07 g/mol**

Packs sizes (3)

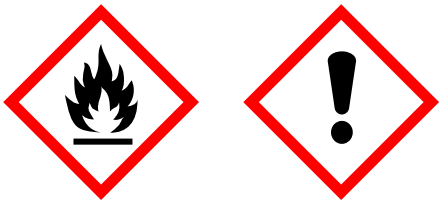
	CODE	PACKAGING SIZE
	CODE 361086.1611	PACKAGING SIZE 1000 ml
	CODE 361086.1612	PACKAGING SIZE 2.5 l
	CODE 361086.16153	PACKAGING SIZE 4 l



Technical data

MELTING POINT:	-114.1 °C
BOILING POINT:	78.5 °C
DENSITY:	0.790 kg/l
REFRACTIVE INDEX:	20/D 1.361
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	361086
PRODUCT NAME:	Ethanol absolute for UV, IR, HPLC
QUALITY NAME:	for UV, IR, HPLC
SPECIFICATIONS:	Minimum assay (G.C.) (v/v): 99.9% Density 20/4: 0.789-0.790 Maximum limit of impurities APHA colour: 10 Acidity: 0.0002 meq/g Alkalinity: 0.0002 meq/g Non-volatile matter: 0.0003 % Water (H2O): 0.1 % Suitability for IR spectrometry:: passes test Fluorescence at 254 nm (as quinine): 2 ppb Fluorescence at 365 nm (as quinine): 1 ppb UV Spectrum (1cm cell; Ref.: water): Transmittance at 205 (Cut off) nm: ≥10% Transmittance at 210 nm: ≥35% Transmittance at 220 nm: ≥55% Transmittance at 235 nm: ≥80% Transmittance at 245 nm: ≥90% Transmittance at 270-400 nm: ≥98% Data of interest in HPLC: Rohrschneider Polarity: 4.3 Eluotropic value e° (Al2O3): 0.88 Sol. H2O in solv. at 20°C: miscible For critical jobs, purge with nitrogen. Microfiltered product (0.2 µm) and bottled under nitrogen atmosphere.

HAZARD PICTOGRAMS	
UN:	1170
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
STORAGE:	Storage away from direct light.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H319
P PHRASES:	P210 P233 P240 P241 P242 P501 P243 P280 P303+P361+P353 P370+P378 P403+P235 P264 P305+P351+P338 P337+P313

MASTER NAME:	Ethanol absolute
SYNONYMS LONG TEXT:	Ethyl Alcohol

EINECS:	200-578-6
CS:	2207 10 00 90
INDEX NR.:	603-002-00-5

Ethanol absolute for molecular biology

Assay (GC): min. 99.8 %

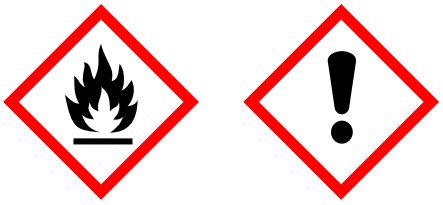
CODE	**A8075**
CAS	**64-17-5**
MOLECULAR FORMULA	**C_2H_6O**
MOLAR MASS	**46.07 g/mol**

Packs sizes (2)

	CODE	PACKAGING SIZE
	CODE A8075,1000PE	PACKAGING SIZE 1 L
	CODE A8075,2500PE	PACKAGING SIZE 2.5 L

Technical data

REFRACTIVE INDEX:	n20/D 1.3611 (abs.)
PHYSICAL DESCRIPTION:	Liquid
PRODUCT CODE:	A8075

PRODUCT NAME:	Ethanol absolute for molecular biology
HEADLINE COMMENT:	This ethanol is intended for consumers in the EU and in third countries. EU consumers require an approved tax warehouse.
SPECIFICATIONS:	DNases/RNases/Proteases: not detectable Assay (GC): min. 99.8 % Acidic/alkaline react. subst.: max. 0.0002 % Non-Volatile matter: max. 0.001 % Water (K.F.): max. 0.2 %
HAZARD PICTOGRAMS	
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ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1
STORAGE:	RT
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H319
P PHRASES:	P210 P233 P241 P280 P305+P351+P338

P501

EINECS:	200-578-6
CS:	22071000
INDEX NR.:	603-002-00-5

Ethanol absolute for molecular biology

Assay (GC): min. 99.8 %

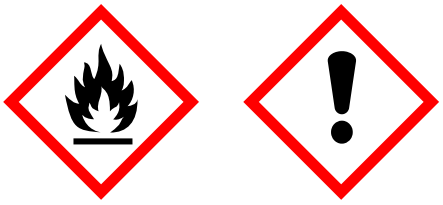
CODE	**A8075**
CAS	**64-17-5**
MOLECULAR FORMULA	**C_2H_6O**
MOLAR MASS	**46.07 g/mol**

Packs sizes (2)

	CODE	PACKAGING SIZE
	CODE A8075,1000PE	PACKAGING SIZE 1 L
	CODE A8075,2500PE	PACKAGING SIZE 2.5 L

Technical data

REFRACTIVE INDEX:	n20/D 1.3611 (abs.)
PHYSICAL DESCRIPTION:	Liquid
PRODUCT CODE:	A8075

PRODUCT NAME:	Ethanol absolute for molecular biology
HEADLINE COMMENT:	This ethanol is intended for consumers in the EU and in third countries. EU consumers require an approved tax warehouse.
SPECIFICATIONS:	DNases/RNases/Proteases: not detectable Assay (GC): min. 99.8 % Acidic/alkaline react. subst.: max. 0.0002 % Non-Volatile matter: max. 0.001 % Water (K.F.): max. 0.2 %
HAZARD PICTOGRAMS	
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CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1
STORAGE:	RT
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H319
P PHRASES:	P210 P233 P241 P280 P305+P351+P338

P501

EINECS:	200-578-6
CS:	22071000
INDEX NR.:	603-002-00-5

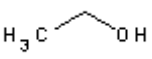
Ethanol absolute for molecular biology

Assay (GC): min. 99.8 %

CODE	**A3678**
CAS	**64-17-5**
MOLECULAR FORMULA	**CH_3CH_2OH**
MOLAR MASS	**46.07 g/mol**

Packs sizes (4)

	CODE	PACKAGING SIZE	
	CODE A3678,0250	PACKAGING SIZE 250 ml	Product active until stock lasts.
	CODE A3678,0500	PACKAGING SIZE 500 ml	
	CODE A3678,1000	PACKAGING SIZE 1 L	
	CODE A3678,2500	PACKAGING SIZE 2.5 L	

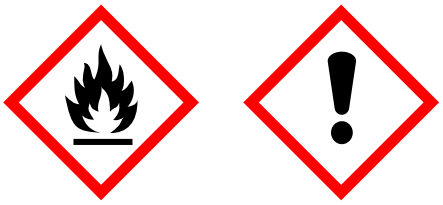


Technical data

REFRACTIVE INDEX:	n20/D 1.3611 (abs.)
PHYSICAL DESCRIPTION:	Liquid

PRODUCT CODE:	A3678
PRODUCT NAME:	Ethanol absolute for molecular biology
HEADLINE COMMENT:	This ethanol is intended for consumers in Germany only. The product may only be purchased at AppliChem Darmstadt.
SPECIFICATIONS:	DNases/RNases/Proteases: not detectable Assay (GC): min. 99.8 % Acidic/alkaline react. subst.: max. 0.0002 % Non-Volatile matter: max. 0.001 % Water (K.F.): max. 0.2 %

HAZARD PICTOGRAMS



UN:	1170
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1
STORAGE:	RT
SIGNAL WORD:	Danger

GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H319
P PHRASES:	P210 P233 P241 P280 P305+P351+P338 P501

EINECS:	200-578-6
CS:	22071000
INDEX NR.:	603-002-00-5

Ethanol absolute for HPLC gradient

Ethyl Alcohol

Minimum assay (G.C.) (v/v): 99.9%

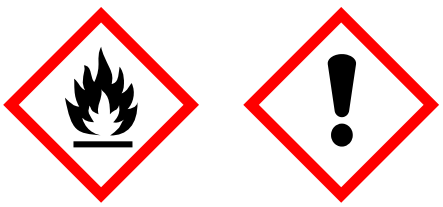
CODE	**221086**
CAS	**64-17-5**
MOLECULAR FORMULA	**CH_3CH_2OH**
MOLAR MASS	**46.07 g/mol**

Packs sizes (1)

CODE	PACKAGING SIZE
CODE 221086.1612	PACKAGING SIZE 2.5 l

Technical data

MELTING POINT:	-114.1 °C
BOILING POINT:	78.5 °C
DENSITY:	0.790 kg/l
REFRACTIVE INDEX:	20/D 1.361
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	221086
PRODUCT NAME:	Ethanol absolute for HPLC gradient
QUALITY NAME:	for HPLC gradient
SPECIFICATIONS:	Minimum assay (G.C.) (v/v): 99.9% Density 20/4: 0.789-0.790 Maximum limit of impurities APHA colour: 10 Acidity: 0.0002 meq/g Alkalinity: 0.0002 meq/g Non-volatile matter: 0.0002 % Water (H2O): 0.1 % Gradient at 235 nm: 5 mUA Gradient at 254 nm: 2 mUA UV Spectrum (1cm cell; Ref.: water): Transmittance at 205 (Cut off) nm: ≥10% Transmittance at 210 nm: ≥35% Transmittance at 225 nm: ≥60% Transmittance at 240 nm: ≥85% Transmittance at 260-400 nm: ≥98% Data of interest in HPLC: Rohrschneider Polarity: 4.3 Eluotropic value e° (Al2O3): 0.88 Sol. H2O in solv. at 20°C: miscible For critical jobs, purge with nitrogen. Microfiltered product (0.2 µm) and bottled under nitrogen atmosphere.
HAZARD PICTOGRAMS	
UN:	1170
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II

IATA:	3/II
STORAGE:	Storage away from direct light.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H319
P PHRASES:	P210 P233 P240 P241 P242 P501 P243 P280 P303+P361+P353 P370+P378 P403+P235 P264 P305+P351+P338 P337+P313

MASTER NAME:	Ethanol absolute
SYNONYMS LONG TEXT:	Ethyl Alcohol
EINECS:	200-578-6
CS:	2207 10 00 90
INDEX NR.:	603-002-00-5

Ethyl Acetate (BP, Ph. Eur.) pharma grade

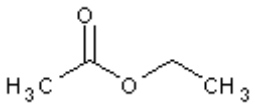
Acetic Acid Ethyl Ester, Acetic Ether

Assay (C4H8O2): 99.8-100.5%

CODE	**191318**
CAS	**141-78-6**
MOLECULAR FORMULA	**$CH_3COOC_2H_5$**
MOLAR MASS	**88.10 g/mol**

Packs sizes (2)

	CODE	PACKAGING SIZE
	CODE 191318.0616	PACKAGING SIZE 25 l
	CODE 191318.0619	PACKAGING SIZE 200 l



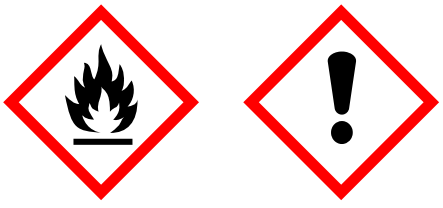
Technical data

MELTING POINT:	-83 °C
BOILING POINT:	77 °C

DENSITY:	0.903 kg/l
SOLUBILITY:	water 80 g/l at 20 °C
REFRACTIVE INDEX:	20/D 1.3719
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	191318
PRODUCT NAME:	Ethyl Acetate (BP, Ph. Eur.) pharma grade
QUALITY NAME:	pharma grade
SPECIFICATIONS:	Assay (C4H8O2): 99.8-100.5% Identity according to Pharmacopoeias:: passes test Density 20/20: 0.898-0.902 Refractive Index n 20/D: 1.370-1.373 Maximum limit of impurities Appearance of solution: passes test Acidity: passes test Insoluble matter in H2O: passes test Non-volatile matter: 0.003 % Darkened substances by H2SO4: passes test Related substances: passes test Residual solvents (Ph.Eur.): passes test Water (H2O): 0.05 %

HAZARD PICTOGRAMS



UN:	1173
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II

WGK:	1
STORAGE:	Storage away from direct light.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H319 EUH066 H336
P PHRASES:	P210 P233 P240 P241 P242 P501 P243 P261 P264 P271 P280 P303+P361+P353 P304+P340 P305+P351+P338 P312 P337+P313 P370+P378 P403+P233 P403+P235 P405

MASTER NAME:	Ethyl Acetate
SYNONYMS LONG TEXT:	Acetic Acid Ethyl Ester, Acetic Ether
EINECS:	205-500-4
CS:	2915 31 00 00
INDEX NR.:	607-022-00-5

Ethanolamine (Reag. USP) for analysis, ACS

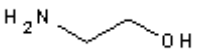
2-Aminoethanol, mono-Ethanolamine

Minimum assay (G.C.): 99.0%

CODE	**131924**
CAS	**141-43-5**
MOLECULAR FORMULA	**$NH_2CH_2CH_2OH$**
MOLAR MASS	**61.08 g/mol**

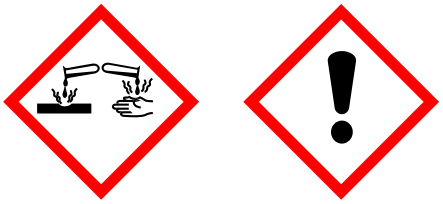
Packs sizes (1)

CODE	PACKAGING SIZE
CODE 131924.1611	PACKAGING SIZE 1000 ml



Technical data

MELTING POINT:	10.3 °C
BOILING POINT:	170.8 °C
DENSITY:	1.015 kg/l
REFRACTIVE INDEX:	20/D 1.4539

PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	131924
PRODUCT NAME:	Ethanolamine (Reag. USP) for analysis, ACS
QUALITY NAME:	for analysis, ACS
SPECIFICATIONS:	Minimum assay (G.C.): 99.0% Identity: IR passes test Density 20/4: 1.016-1.020 **Maximum limit of impurities** APHA colour: 15 Non-volatile matter: 0.2 % Diethanolamine (G.C.): 0.3% Ethanol (G.C.): 0.1% Triethanolamine (G.C.): 0.1% Heavy Metals (ICP-OES): 0.0005 % Water (H2O): 0.3 % **Metals by ICP [in mg/Kg (ppm)]** Ca: 0.5 Cd: 0.05 Co: 0.02 Cr: 0.02 Cu: 0.1 Fe: 5 Mg: 5 Mn: 0.05 Ni: 0.02 Pb: 0.1
HAZARD PICTOGRAMS	
UN:	2491
CLASS/PG:	8/III

ADR:	8/III
IMDG:	8/III
IATA:	8/III
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS07 GHS05
H PHRASES:	H332 H312 H302 H314 H335
P PHRASES:	P260 P261 P264 P270 P271 P280 P301+P312 P301+P330+P331 P302+P352 P303+P361+P353 P304+P340 P305+P351+P338 P310 P312 P321 P322 P330 P338 P363 P405 P501 P403+P233

MASTER NAME:	Ethanolamine
SYNONYMS LONG TEXT:	2-Aminoethanol, mono-Ethanolamine
EINECS:	205-483-3
CS:	2922 11 00 00
INDEX NR.:	603-030-00-8

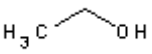
Ethanol absolute (Ph. Eur., USP) pure, pharma grade

Assay (v/v): min. 99.5 %

CODE	**A4230**
CAS	**64-17-5**
MOLECULAR FORMULA	**CH_3CH_2OH**
MOLAR MASS	**46.07 g/mol**

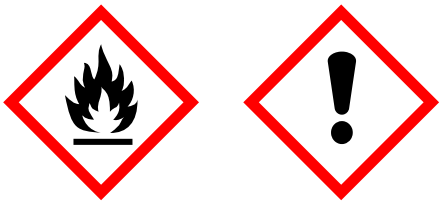
Packs sizes (3)

	CODE	PACKAGING SIZE	
	CODE A4230,1000GL	PACKAGING SIZE 1 L	Product active until stock lasts.
	CODE A4230,1000PE	PACKAGING SIZE 1 L	Product active until stock lasts.
	CODE A4230,2500PE	PACKAGING SIZE 2.5 L	



Technical data

REFRACTIVE INDEX:	n20/D 1.3611 (abs.)
PHYSICAL DESCRIPTION:	Liquid
PRODUCT CODE:	A4230
PRODUCT NAME:	Ethanol absolute (Ph. Eur., USP) pure, pharma grade
HEADLINE COMMENT:	This ethanol is intended for consumers in Germany only. The product may only be purchased at AppliChem Darmstadt.
SPECIFICATIONS:	Assay (v/v): min. 99.5 % Assay (w/w): min. 99.2 % Appearance: passes test Volatile impurities (GC): passes test Identity: passes test Non-volatile matter: max. 25 mg/L Density (d 15.56°C/15.56°C): max. 0.7962 Density (d 20°C/20°C): 0.790 - 0.793 Acidic/alkaline react. subst.: max. 0.003 % (as AcOH) Sum of further impurities: max. 0.03 % Acetaldehyde and Acetal: max. 0.001 % (v/v) Benzene: max. 0.0002 % (v/v) Methanol: max. 0.02 % (v/v) Absorption (5 cm/water HPLC grade) 240 nm: max. 0.40 250 - 260 nm: max. 0.30 270 - 340 nm: max. 0.10 Elemental impurities (according to ICH Q3D): Class 1 (Cd): max. 0.5 ppm Class 2B (Au): max. 10 ppm Class 2B (Rh): max. 10 ppm Class 2A (Co): max. 5 ppm Class 3 (Li): max. 55 ppm Class 1 (Pb): max. 0.5 ppm Class 1 (As): max. 1.5 ppm Class 1 (Hg): max. 1.5 ppm Class 2A (V): max. 10 ppm Class 2A (Ni): max. 20 ppm Class 2B (Tl): max. 0.8 ppm

	Class 2B (Pd): max. 10 ppm Class 2B (Ir): max. 10 ppm Class 2B (Os): max. 10 ppm Class 2B (Ru): max. 10 ppm Class 2B (Pt): max. 10 ppm Class 2B (Se): max. 15 ppm Class 2B (Ag): max. 15 ppm Class 3 (Sb): max. 120 ppm Class 3 (Ba): max. 140 ppm Class 3 (Mo): max. 25 ppm Class 3 (Cr): max. 25 ppm Class 3 (Cu): max. 250 ppm Class 3 (Sn): max. 600 ppm
HAZARD PICTOGRAMS	
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ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1
STORAGE:	RT
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H319
P PHRASES:	P210 P233 P241

	P280 P305+P351+P338 P501
EINECS:	200-578-6
CS:	22071000
INDEX NR.:	603-002-00-5

Ethanol absolute, 99,5% for synthesis

Ethyl Alcohol

Minimum assay (G.C.) (v/v): 99.5%

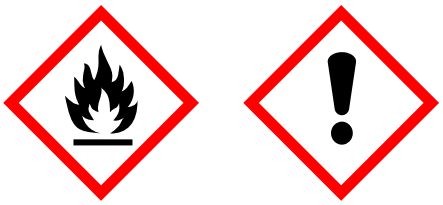
CODE	**161086**
CAS	**64-17-5**
MOLECULAR FORMULA	**CH_3CH_2OH**
MOLAR MASS	**46.07 g/mol**

Packs sizes (1)

	CODE	PACKAGING SIZE	
	CODE 161086.0616	PACKAGING SIZE 25 l	Product discontinued. Alternative 141086.0716 (please check specifications).

Technical data

MELTING POINT:	-114.1 °C
BOILING POINT:	78.5 °C
DENSITY:	0.790 kg/l
REFRACTIVE INDEX:	20/D 1.361
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	161086
PRODUCT NAME:	Ethanol absolute, 99,5% for synthesis
QUALITY NAME:	for synthesis
SPECIFICATIONS:	Minimum assay (G.C.) (v/v): 99.5% Identity: IR passes test Density 20/4: 0.789-0.790 Non-volatile matter: 0.001 % Water (H2O): 0.2 %
HAZARD PICTOGRAMS	
UN:	1170
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
STORAGE:	Storage away from direct light.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H319
P PHRASES:	P210 P233 P240 P241 P242 P501

	P243 P280 P303+P361+P353 P370+P378 P403+P235 P264 P305+P351+P338 P337+P313
MASTER NAME:	Ethanol absolute
SYNONYMS LONG TEXT:	Ethyl Alcohol
EINECS:	200-578-6
CS:	2207 10 00 90
INDEX NR.:	603-002-00-5

Ethanol absolute pure

Ethyl Alcohol

Assay (G.C.) (v/v): 99.5%

CODE	**141086**
CAS	**64-17-5**
MOLECULAR FORMULA	**CH_3CH_2OH**
MOLAR MASS	**46.07 g/mol**

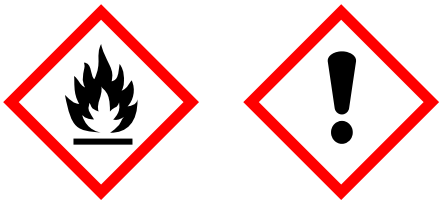
Packs sizes (5)

	CODE	PACKAGING SIZE	
	CODE 141086.1211	PACKAGING SIZE 1000 ml	
	CODE 141086.1212	PACKAGING SIZE 2.5 l	
	CODE 141086.1214	PACKAGING SIZE 5 l	
	CODE 141086.1315	PACKAGING SIZE 10 l	Product active until stock lasts.
	CODE 141086.0716	PACKAGING SIZE 25 l	

Technical data

MELTING POINT:	-114.1 °C
BOILING POINT:	78.5 °C
DENSITY:	0.790 kg/l
REFRACTIVE INDEX:	20/D 1.361
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	141086
PRODUCT NAME:	Ethanol absolute pure
QUALITY NAME:	pure
SPECIFICATIONS:	Assay (G.C.) (v/v): 99.5% Identity: IR passes test Density 20/4: 0.789-0.790 Acidity: 0.002 meq/g Alkalinity: 0.001 meq/g Insoluble matter in H2O: passes test Non-volatile matter: 0.005 % Carbonyl compounds (as CH3CHO): 0.01% Acetone (G.C.): 0.005% 2-Propanol (G.C.): 0.05% Methanol (G.C.): 0.05% Water (H2O): 0.5 % Cu: 0.00002 % Fe: 0.00005 % Ni: 0.00002 % Pb: 0.00002 %

HAZARD PICTOGRAMS	
UN:	1170
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
STORAGE:	Storage away from direct light.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H319
P PHRASES:	P210 P233 P240 P241 P242 P501 P243 P280 P303+P361+P353 P370+P378 P403+P235 P264 P305+P351+P338 P337+P313

MASTER NAME:	Ethanol absolute
SYNONYMS LONG TEXT:	Ethyl Alcohol

EINECS:	200-578-6
CS:	2207 10 00 90
INDEX NR.:	603-002-00-5

Ethylene Glycol mono-Methyl Ether (Reag. USP) for analysis, ACS

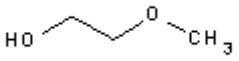
2-Methoxy Ethanol, Methyl Cellosolve, Methylglycol

Minimum assay (G.C.): 99.5%

CODE	**131897**
CAS	**109-86-4**
MOLECULAR FORMULA	**$HOCH_2CH_2OCH_3$**
MOLAR MASS	**76.10 g/mol**

Packs sizes (1)

	CODE	PACKAGING SIZE	
	CODE 131897.1611	PACKAGING SIZE 1000 ml	Product active until stock lasts.



Technical data

MELTING POINT:	-85 °C
BOILING POINT:	124.4 °C
DENSITY:	0.966 kg/l
REFRACTIVE INDEX:	20/D 1.4028

PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	131897
PRODUCT NAME:	Ethylene Glycol mono-Methyl Ether (Reag. USP) for analysis, ACS
QUALITY NAME:	for analysis, ACS
SPECIFICATIONS:	Minimum assay (G.C.): 99.5% Identity: IR passes test Density 20/4: 0.964-0.968 Maximum limit of impurities APHA colour: 10 Acidity: 0.001 meq/g Non-volatile matter: 0.005 % Peroxides (as H2O2): 0.0003 %* Water (H2O): 0.1 % Ca: 0.00005 % Cd: 0.000005 % Co: 0.000002 % Cr: 0.000002 % Cu: 0.000002 % Fe: 0.00001 % Mg: 0.00001 % Mn: 0.000002 % Ni: 0.000002 % Pb: 0.00001 % Zn: 0.00001 % * At the moment of the batch analysis.
HAZARD PICTOGRAMS	
UN:	1188
CLASS/PG:	3/III
ADR:	3/III

IMDG:	3/III
IATA:	3/III
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS08 GHS02 GHS07
H PHRASES:	H360FD H226 H332 H312 H302
P PHRASES:	P201 P202 P210 P233 P240 P241 P242 P243 P261 P264 P270 P271 P280 P281 P301+P312 P302+P352 P303+P361+P353 P304+P340 P308+P313 P312 P322 P330 P363 P370+P378 P403+P235

	P405 P501
MASTER NAME:	Ethylene Glycol mono-Methyl Ether
SYNONYMS LONG TEXT:	2-Methoxy Ethanol, Methyl Cellosolve, Methylglycol
EINECS:	203-713-7
CS:	2909 44 00 00
INDEX NR.:	603-011-00-4

Ethyl Acetate for UV, IR, HPLC, ACS

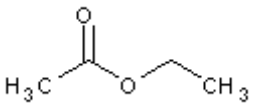
Acetic Acid Ethyl Ester, Acetic Ether

Minimum assay (G.C.): 99.9%

CODE	**361318**
CAS	**141-78-6**
MOLECULAR FORMULA	**$CH_3COOC_2H_5$**
MOLAR MASS	**88.10 g/mol**

Packs sizes (2)

	CODE	PACKAGING SIZE
	CODE 361318.1611	PACKAGING SIZE 1000 ml
	CODE 361318.1612	PACKAGING SIZE 2.5 l

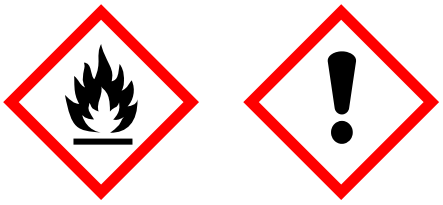


Technical data

MELTING POINT:	-83 °C
BOILING POINT:	77 °C

DENSITY:	0.903 kg/l
SOLUBILITY:	water 80 g/l at 20 °C
REFRACTIVE INDEX:	20/D 1.3719
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	361318
PRODUCT NAME:	Ethyl Acetate for UV, IR, HPLC, ACS
QUALITY NAME:	for UV, IR, HPLC, ACS
SPECIFICATIONS:	Minimum assay (G.C.): 99.9% Density 20/4: 0.900-0.902 Maximum limit of impurities APHA colour: 10 Acidity: 0.0002 meq/g Alkalinity: 0.0002 meq/g Non-volatile matter: 0.0003 % Darkened substances by H2SO4: passes test Water (H2O): 0.01 % Suitability for IR spectrometry:: passes test Fluorescence at 254 nm (as quinine): 2 ppb Fluorescence at 365 nm (as quinine): 1 ppb UV Spectrum (1cm cell; Ref.: water): Transmittance at 253 (Cut off) nm: ≥10% Transmittance at 255 nm: ≥20% Transmittance at 257 nm: ≥32% Transmittance at 260 nm: ≥50% Transmittance at 263 nm: ≥80% Transmittance at 265 nm: ≥90% Transmittance at 270-400 nm: ≥98% Data of interest in HPLC: P' + 0,25 E: 5.8 Rohrschneider Polarity: 4.4 Eluotropic value e° (Al2O3): 0.58 Sol. H2O in solv. at 20°C: 9.8 For critical jobs, purge with nitrogen. Microfiltered product (0.2 µm) and bottled under nitrogen atmosphere.

HAZARD PICTOGRAMS	
UN:	1173
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1
STORAGE:	Storage away from direct light.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H319 EUH066 H336
P PHRASES:	P210 P233 P240 P241 P242 P501 P243 P261 P264 P271 P280 P303+P361+P353 P304+P340 P305+P351+P338 P312

	P337+P313 P370+P378 P403+P233 P403+P235 P405
MASTER NAME:	Ethyl Acetate
SYNONYMS LONG TEXT:	Acetic Acid Ethyl Ester, Acetic Ether
EINECS:	205-500-4
CS:	2915 31 00 00
INDEX NR.:	607-022-00-5

Ethyl Acetate, 99.5% for synthesis

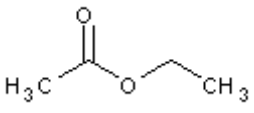
Acetic Acid Ethyl Ester, Acetic Ether

Minimum assay (G.C.): 99.5%

CODE	**161318**
CAS	**141-78-6**
MOLECULAR FORMULA	**$CH_3COOC_2H_5$**
MOLAR MASS	**88.10 g/mol**

Packs sizes (4)

	CODE	PACKAGING SIZE	
	CODE 161318.1212	PACKAGING SIZE 2.5 l	Product active until stock lasts.
	CODE 161318.1714	PACKAGING SIZE 5 l	
	CODE 161318.0516	PACKAGING SIZE 25 l	Product active until stock lasts.
	CODE 161318.0537	PACKAGING SIZE 30 l	

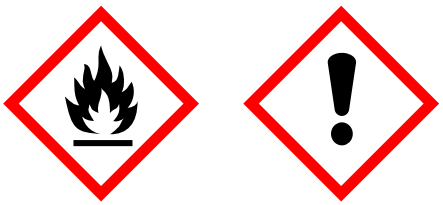


Technical data

MELTING POINT:	-83 °C
BOILING POINT:	77 °C
DENSITY:	0.903 kg/l
SOLUBILITY:	water 80 g/l at 20 °C
REFRACTIVE INDEX:	20/D 1.3719
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	161318
PRODUCT NAME:	Ethyl Acetate, 99.5% for synthesis
QUALITY NAME:	for synthesis
SPECIFICATIONS:	Minimum assay (G.C.): 99.5% Identity: IR passes test Density 20/4: 0.900-0.902 Acidity (as CH3COOH): 0.003% Non-volatile matter: 0.001 % Ethanol (G.C.): 0.25 % Water (H2O): 0.05 %

HAZARD PICTOGRAMS



UN:	1173
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1

STORAGE:	Storage away from direct light.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H319 EUH066 H336
P PHRASES:	P210 P233 P240 P241 P242 P501 P243 P261 P264 P271 P280 P303+P361+P353 P304+P340 P305+P351+P338 P312 P337+P313 P370+P378 P403+P233 P403+P235 P405

MASTER NAME:	Ethyl Acetate
SYNONYMS LONG TEXT:	Acetic Acid Ethyl Ester, Acetic Ether
EINECS:	205-500-4
CS:	2915 31 00 00
INDEX NR.:	607-022-00-5

Ethyl Acetate (Reag. USP, Ph. Eur.) for analysis, ACS, ISO

Acetic Acid Ethyl Ester, Acetic Ether

Minimum assay (G.C.): 99.8%

CODE	**131318**
CAS	**141-78-6**
MOLECULAR FORMULA	**$CH_3COOC_2H_5$**
MOLAR MASS	**88.10 g/mol**

Packs sizes (7)

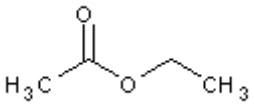
	CODE	PACKAGING SIZE	
	CODE 131318.1211	PACKAGING SIZE 1000 ml	
	CODE 131318.1611	PACKAGING SIZE 1000 ml	
	CODE 131318.1212	PACKAGING SIZE 2.5 l	Product active until stock lasts.
	CODE 131318.1612	PACKAGING SIZE 2.5 l	
	CODE 131318.1214	PACKAGING SIZE 5 l	

CODE
131318.0515

PACKAGING SIZE
10 l

CODE
131318.0716

PACKAGING SIZE
25 l



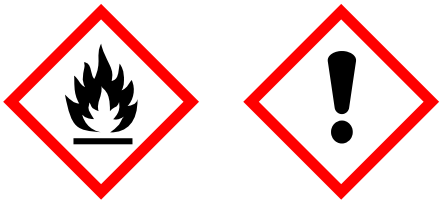
Technical data

MELTING POINT:	-83 °C
BOILING POINT:	77 °C
DENSITY:	0.903 kg/l
SOLUBILITY:	water 80 g/l at 20 °C
REFRACTIVE INDEX:	20/D 1.3719
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	131318
PRODUCT NAME:	Ethyl Acetate (Reag. USP, Ph. Eur.) for analysis, ACS, ISO
QUALITY NAME:	for analysis, ACS, ISO
SPECIFICATIONS:	Minimum assay (G.C.): 99.8% Identity: IR passes test Density 20/20: 0.901-0.902 Range of Boiling: 76-78°C

Maximum limit of impurities
APHA colour: 10
Acidity: 0.0005 meq/g
Non-volatile matter: 0.001 %
Darkened substances by H2SO4: passes test
Acetone (G.C.): 0.005%
Acetaldehyde (G.C.): 0.005%
Aldehydes: passes test
Ethanol (G.C.): 0.1%
Isopropyl Acetate (G.C.): 0.1%
Methanol (G.C.): 0.02%
Methyl Acetate (G.C.): 0.02%
Water (H2O): 0.1 %

Metals by ICP [in mg/Kg (ppm)]
Ag: 0.05
Al: 0.5
As: 0.5
Au: 0.1
B: 0.02
Ba: 0.1
Be: 0.02
Bi: 0.05
Ca: 0.5
Cd: 0.05
Co: 0.02
Cr: 0.02
Cu: 0.02
Fe: 0.1
Ga: 0.02
Ge: 0.05
Hg: 0.05
In: 0.05
K: 0.1
Li: 0.05
Mg: 0.1
Mn: 0.02
Mo: 0.02
Na: 0.5
Ni: 0.02
P: 0.2
Pb: 0.1
Pt: 0.1
S: 0.2

	Sb: 0.02 Si: 0.2 Sn: 0.1 Sr: 0.2 Ti: 0.02 Tl: 0.02 V: 0.02 Zn: 0.1 Zr: 0.02
HAZARD PICTOGRAMS	
UN:	1173
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1
STORAGE:	Storage away from direct light.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H319 EUH066 H336
P PHRASES:	P210 P233 P240 P241 P242 P501

	P243 P261 P264 P271 P280 P303+P361+P353 P304+P340 P305+P351+P338 P312 P337+P313 P370+P378 P403+P233 P403+P235 P405
MASTER NAME:	Ethyl Acetate
SYNONYMS LONG TEXT:	Acetic Acid Ethyl Ester, Acetic Ether
EINECS:	205-500-4
CS:	2915 31 00 00
INDEX NR.:	607-022-00-5

Ethyl Acetate for pesticide analysis

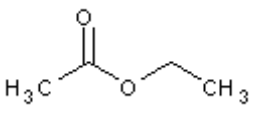
Acetic Acid Ethyl Ester, Acetic Ether

Minimum assay (G.C.): 99.8%

CODE	**321318**
CAS	**141-78-6**
MOLECULAR FORMULA	**$CH_3COOC_2H_5$**
MOLAR MASS	**88.10 g/mol**

Packs sizes (3)

	CODE	PACKAGING SIZE	
	CODE 321318.1612	PACKAGING SIZE 2.5 l	
	CODE 321318.16153	PACKAGING SIZE 4 l	Product active until stock lasts.
	CODE 321318.0515	PACKAGING SIZE 10 l	Product discontinued. Alternative 321318.1612 (please check specifications).

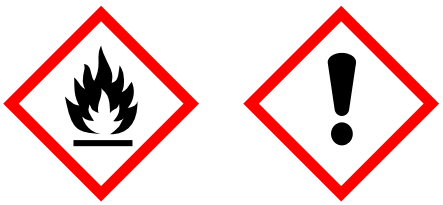


Technical data

MELTING POINT:	-83 °C
BOILING POINT:	77 °C
DENSITY:	0.903 kg/l
SOLUBILITY:	water 80 g/l at 20 °C
REFRACTIVE INDEX:	20/D 1.3719
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	321318
PRODUCT NAME:	Ethyl Acetate for pesticide analysis
QUALITY NAME:	for pesticide analysis
SPECIFICATIONS:	Minimum assay (G.C.): 99.8% Identity: IR passes test Density 20/4: 0.900-0.902 Maximum limit of impurities APHA colour: 10 Acidity: 0.0008 meq/g Non-volatile matter: 0.0005 % Water (H2O): 0.02 % Signal ECD of pesticide (Lindane a DDT) (as Lindane): 5 ng/l Signal FID of 2-Octanol to Tetradecanol (as 2-Octanol): passes test

HAZARD PICTOGRAMS



UN:	1173
CLASS/PG:	3/II
ADR:	3/II

IMDG:	3/II
IATA:	3/II
WGK:	1
STORAGE:	Storage away from direct light.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H319 EUH066 H336
P PHRASES:	P210 P233 P240 P241 P242 P501 P243 P261 P264 P271 P280 P303+P361+P353 P304+P340 P305+P351+P338 P312 P337+P313 P370+P378 P403+P233 P403+P235 P405

MASTER NAME:	Ethyl Acetate
SYNONYMS LONG TEXT:	Acetic Acid Ethyl Ester, Acetic Ether
EINECS:	205-500-4

CS:	2915 31 00 00
INDEX NR.:	607-022-00-5

Fixing for fast staining (Panoptic No. 1)(CE-IVD) for clinical diagnostics

CODE

254101

Packs sizes (2)

	CODE	PACKAGING SIZE
	CODE 254101.1210	PACKAGING SIZE 500 ml
	CODE 254101.1212	PACKAGING SIZE 2.5 l

Technical data

DENSITY:	0.791 kg/l
SOLUBILITY:	Miscible with water
PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	254101
PRODUCT NAME:	Fixing for fast staining (Panoptic No. 1)(CE-IVD) for clinical diagnostics
QUALITY NAME:	for clinical diagnostics
HEADLINE COMMENT:	In Vitro Diagnostic medical device class A in compliance to the Regulation (EU) 2017/746.
SPECIFICATIONS:	COMPOSITION:

Crystal Violet: 2 mg
Methanol s.q.m: 1000 ml
Identity: passes test

Maximum limit of impurities
Suitability for hematology stain: passes test

HAZARD PICTOGRAMS	
UN:	1992
CLASS/PG:	3(6.1)/II
ADR:	3(6.1)/II
IMDG:	3(6.1)/II
IATA:	3(6.1)/II
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS06 GHS08
H PHRASES:	H225 H331 H311 H301 H370
P PHRASES:	P210 P233 P240 P241 P242 P501 P243 P260

	P261 P264 P270 P271 P280 P301+P310 P302+P352 P303+P361+P353 P304+P340 P307+P311 P311 P312 P321 P322 P330 P361 P363 P370+P378 P403+P233 P403+P235 P405
MASTER NAME:	Fixing for fast staining *(Panoptic No. 1)
CS:	3822 90 00 00

Extraction Solvent

CODE

176449

Packs sizes (1)

	CODE	PACKAGING SIZE	
	CODE 176449.0616	PACKAGING SIZE 25 l	Product discontinued. Please check CAS-No. for alternative or contact our Customer Service.

Technical data

DENSITY:	0.837 kg/l
PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	176449
PRODUCT NAME:	Extraction Solvent
SPECIFICATIONS:	Water (H2O): 0.3-0.5 %
HAZARD PICTOGRAMS	
UN:	1993
CLASS/PG:	3/II
ADR:	3/II

IMDG:	3/II
IATA:	3/II
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07 GHS08
H PHRASES:	H225 H332 H370 H302 H312 H319 H336
P PHRASES:	P210 P233 P240 P241 P242 P501 P243 P261 P271 P280 P303+P361+P353 P304+P340 P312 P370+P378 P403+P235 P260 P264 P270 P307+P311 P321 P405 P301+P312 P302+P352 P305+P351+P338 P330

	P337+P313 P363
MASTER NAME:	Extraction Solvent
CS:	3822 00 00 00

Ethylenediamine, 99% for synthesis

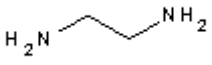
1,2-Diaminoethane, 1,2-Ethanediamine

Minimum assay (G.C.): 99%

CODE	**161869**
CAS	**107-15-3**
MOLECULAR FORMULA	**$C_2H_8N_2$**
MOLAR MASS	**60.10 g/mol**

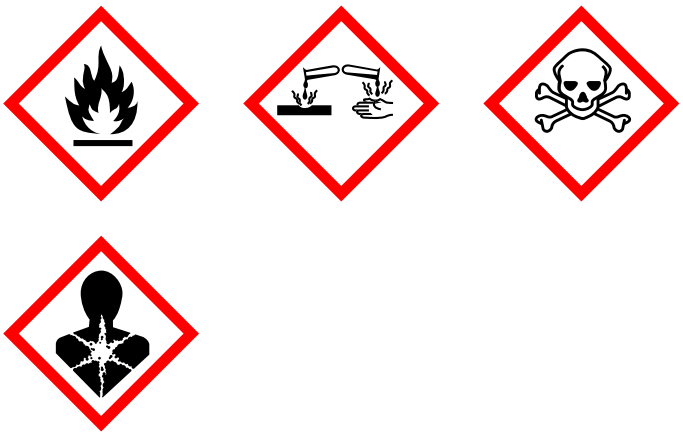
Packs sizes (1)

	CODE	PACKAGING SIZE	
	CODE 161869.1611	PACKAGING SIZE 1000 ml	Product discontinued. Please check CAS-No. for alternative or contact our Customer Service.



Technical data

MELTING POINT:	8.5 °C
BOILING POINT:	116.5 °C
DENSITY:	0.899 kg/l
REFRACTIVE INDEX:	20/D 1.454
PHYSICAL DESCRIPTION:	

	liquid
PRODUCT CODE:	161869
PRODUCT NAME:	Ethylenediamine, 99% for synthesis
QUALITY NAME:	for synthesis
SPECIFICATIONS:	Minimum assay (G.C.): 99% Identity: IR passes test Density 20/4: 0.897-0.900 Water (H2O): 1 %
HAZARD PICTOGRAMS	
UN:	1604
CLASS/PG:	8(3)/II
ADR:	8(3)/II
IMDG:	8(3)/II
IATA:	8(3)/II
WGK:	2
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS06 GHS05 GHS08

H PHRASES:	H226 H302+H332 H311 H314 H334 H317 H412
P PHRASES:	P210 P233 P240 P241 P242 P243 P260 P261 P264 P270 P272 P280 P285 P301+P312 P301+P330+P331 P302+P352 P303+P361+P353 P304+P340 P304+P341 P305+P351+P338 P310 P312 P321 P322 P330 P333+P313 P338 P342+P311 P363 P370+P378 P403+P235 P405 P501

MASTER NAME:	Ethylenediamine

SYNONYMS LONG TEXT:	1,2-Diaminoethane, 1,2-Ethanediamine
EINECS:	203-468-6
CS:	2921 21 00 00
INDEX NR.:	612-006-00-6

Ethylene Glycol (Reag. USP, Ph. Eur.) for analysis

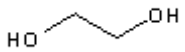
1,2-Dioxyethane, 1,2-Ethanediol, Glycol

Minimum assay (G.C.): 99.5%

CODE	**121316**
CAS	**107-21-1**
MOLECULAR FORMULA	**CH_2OHCH_2OH**
MOLAR MASS	**62.07 g/mol**

Packs sizes (5)

	CODE	PACKAGING SIZE
	CODE 121316.1211	PACKAGING SIZE 1000 ml
	CODE 121316.1212	PACKAGING SIZE 2.5 l
	CODE 121316.1214	PACKAGING SIZE 5 l
	CODE 121316.0716	PACKAGING SIZE 25 l
	CODE 121316.0719	PACKAGING SIZE 200 l



Technical data

MELTING POINT:	-12 °C
BOILING POINT:	198 °C
DENSITY:	1.115 kg/l
REFRACTIVE INDEX:	20/D 1.4318
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	121316
PRODUCT NAME:	Ethylene Glycol (Reag. USP, Ph. Eur.) for analysis
QUALITY NAME:	for analysis
SPECIFICATIONS:	Minimum assay (G.C.): 99.5% Identity: IR passes test Density 20/20: 1.113-1.115 Range of Boiling: 194-200 °C Maximum limit of impurities APHA colour: 10 Acidity: 0.0005 meq/g Insoluble matter in H2O: passes test Reducing substance to KMnO4 (as O): 0.0003 % Darkened substances by H2SO4: passes test Residue on ignition (as SO4): 0.003 % Chloride (Cl): 0.0001% Sulfate (SO4): 0.0005% Diethyleneglycol (G.C.): 0.05% Water (H2O): 0.1 % Ca: 0,00005 % Cd: 0,000005 % Co: 0,000002 %

	Cr: 0,000002 % Cu: 0,000002 % Fe: 0,00001 % Mg: 0,00001 % Mn: 0,000002 % Ni: 0,000002 % Pb: 0,00001 %
HAZARD PICTOGRAMS	
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Warning
GHS SYMBOLS:	GHS07
H PHRASES:	H302
P PHRASES:	P264 P270 P301+P312 P330 P501
MASTER NAME:	Ethylene Glycol
SYNONYMS LONG TEXT:	1,2-Dioxyethane, 1,2-Ethanediol, Glycol
EINECS:	203-473-3
CS:	2905 31 00 00
INDEX NR.:	603-027-00-1

Ethylene Glycol pure

1,2-Dioxyethane, 1,2-Ethanediol, Glycol

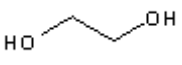
Assay (G.C.): 99%

CODE	**141316**
CAS	**107-21-1**
MOLECULAR FORMULA	**CH_2OHCH_2OH**
MOLAR MASS	**62.07 g/mol**

Packs sizes (4)

	CODE	PACKAGING SIZE
	CODE 141316.1211	PACKAGING SIZE 1000 ml
	CODE 141316.1212	PACKAGING SIZE 2.5 l
	CODE 141316.1214	PACKAGING SIZE 5 l
	CODE 141316.0716	PACKAGING SIZE 25 l

Product active until stock lasts.



Technical data

MELTING POINT:	-12 °C
BOILING POINT:	198 °C
DENSITY:	1.115 kg/l
REFRACTIVE INDEX:	20/D 1.4318
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	141316
PRODUCT NAME:	Ethylene Glycol pure
QUALITY NAME:	pure
SPECIFICATIONS:	Assay (G.C.): 99% Identity: IR passes test Density 20/4: 1.113-1.117 Acidity (as CH3COOH): 0.01% Residue on ignition (as SO4): 0.01 % Chloride (Cl): 0.001% Sulfate (SO4): 0.01% Diethyleneglycol (G.C.): 0.1% Water (H2O): 0.1 % Cu: 0.00002 % Fe: 0.00005 % Ni: 0.00002 % Pb: 0.00002 %

HAZARD PICTOGRAMS

WGK:	1
STORAGE:	Room Temperature.

SIGNAL WORD:	Warning
GHS SYMBOLS:	GHS07
H PHRASES:	H302
P PHRASES:	P264 P270 P301+P312 P330 P501

MASTER NAME:	Ethylene Glycol
SYNONYMS LONG TEXT:	1,2-Dioxyethane, 1,2-Ethanediol, Glycol
EINECS:	203-473-3
CS:	2905 31 00 00
INDEX NR.:	603-027-00-1

Formaldehyde solution 10% neutralized, stabilized with methanol pure

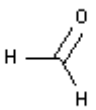
Formaline, Formol

Assay (Iodom.): 10%

CODE	**143091**
CAS	**50-00-0**
MOLECULAR FORMULA	**CH_2O**
MOLAR MASS	**30.03 g/mol**

Packs sizes (2)

	CODE	PACKAGING SIZE
	CODE 143091.1214	PACKAGING SIZE 5 l
	CODE 143091.1215	PACKAGING SIZE 10 l



Technical data

DENSITY:	1.028 kg/l

SOLUBILITY:	Miscible with water
PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	143091
PRODUCT NAME:	Formaldehyde solution 10% neutralized, stabilized with methanol pure
QUALITY NAME:	pure
SPECIFICATIONS:	Assay (Iodom.): 10%
HAZARD PICTOGRAMS	
WGK:	2
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS05 GHS08 GHS07
H PHRASES:	H302+H312 H318 H371 H341 H335 H315 H350 H317
P PHRASES:	P305+P351+P338 P310 P321 P362+P364 P405 P501

P280

MASTER NAME:	Formaldehyde 10% *stabilized with methanol
SYNONYMS LONG TEXT:	Formaline, Formol
EINECS:	200-001-8
CS:	2912 11 00 00
INDEX NR.:	605-001-00-5

Formaldehyde 37-38% w/w stabilized with methanol (USP, BP, Ph. Eur.) pure, pharma grade

Formaline, Formol

Assay: 37.0-38.0 %

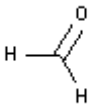
CODE	**141328**
CAS	**50-00-0**
MOLECULAR FORMULA	**CH_2O**
MOLAR MASS	**30.03 g/mol**

Packs sizes (5)

	CODE	PACKAGING SIZE
	CODE 141328.1211	PACKAGING SIZE 1000 ml
	CODE 141328.1212	PACKAGING SIZE 2.5 l
	CODE 141328.1214	PACKAGING SIZE 5 l
	CODE 141328.0716	PACKAGING SIZE 25 l

CODE
141328.0719

PACKAGING SIZE
200 l



Technical data

MELTING POINT:	118 °C
BOILING POINT:	96 - 98 °C
DENSITY:	1.08 kg/l
REFRACTIVE INDEX:	20/D 1.3765
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	141328
PRODUCT NAME:	Formaldehyde 37-38% w/w stabilized with methanol (USP, BP, Ph. Eur.) pure, pharma grade
QUALITY NAME:	pure, pharma grade
SPECIFICATIONS:	Assay: 37.0-38.0 % Identity according to Pharmacopoeias:: passes test Maximum limit of impurities APHA colour: 10 Appearance of solution: passes test Acidity: passes test Acidity free (as HCOOH): 0.03 % Insoluble matter in H2O: passes test Residue on ignition (as SO4): 0.05 %

	Chloride (Cl): 0.001% Sulfate (SO4): 0.005% Residual solvents (Ph.Eur/USP): passes test Methanol: 9.0-15.0 % Fe: 0.0005 %
HAZARD PICTOGRAMS	
UN:	2209
CLASS/PG:	8/III
ADR:	8/III
IMDG:	8/III
IATA:	8/III
WGK:	2
STORAGE:	Storage away from direct light.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS08 GHS05 GHS06
H PHRASES:	H301 H341 H335 H370 H311 H314 H317 H331 H350
P PHRASES:	P201 P202 P260 P261

P264
P501
P270
P271
P272
P280
P281
P301+P310
P301+P330+P331
P302+P352
P303+P361+P353
P304+P340
P305+P351+P338
P308+P313
P310
P311
P312
P321
P322
P330
P333+P313
P338
P361
P363
P403+P233
P405

MASTER NAME:	Formaldehyde 30-40% *stabilized with methanol
SYNONYMS LONG TEXT:	Formaline, Formol
EINECS:	200-001-8
CS:	2912 11 00 00
INDEX NR.:	605-001-00-5

Formaldehyde 37-38% w/w stabilized with methanol (Reag. USP) for analysis, ACS

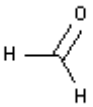
Formaline, Formol

Assay (Acidim.): 36.5-38.0 %

CODE	**131328**
CAS	**50-00-0**
MOLECULAR FORMULA	**CH_2O**
MOLAR MASS	**30.03 g/mol**

Packs sizes (2)

	CODE	PACKAGING SIZE
	CODE 131328.1211	PACKAGING SIZE 1000 ml
	CODE 131328.0716	PACKAGING SIZE 25 l



Technical data

MELTING POINT:	118 °C

BOILING POINT:	96 - 98 °C
DENSITY:	1.08 kg/l
REFRACTIVE INDEX:	20/D 1.3765
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	131328
PRODUCT NAME:	Formaldehyde 37-38% w/w stabilized with methanol (Reag. USP) for analysis, ACS
QUALITY NAME:	for analysis, ACS
SPECIFICATIONS:	Assay (Acidim.): 36.5-38.0 % Maximum limit of impurities APHA colour: 10 Acidity (as HCOOH): 0.025 % Insoluble matter in H2O: passes test Residue on ignition (as SO4): 0.005 % Chloride (Cl): 0.0005% Sulfate (SO4): 0.002% Methanol: 9.0-14.0 % Heavy Metals (ICP-OES): 0.0005% Metals by ICP [in mg/Kg (ppm)] Ag: 1 Al: 1 As: 1 Au: 1 B: 1 Ba: 1 Be: 1 Bi: 1 Ca: 5 Cd: 1 Co: 1 Cr: 1 Cu: 1 Fe: 1 Ga: 1 Ge: 1

	Hg: 1 In: 1 K: 10 Li: 1 Mg: 1 Mn: 1 Mo: 1 Na: 10 Ni: 1 P: 1 Pb: 1 Pt: 1 S: 1 Sb: 1 Si: 1 Sn: 1 Sr: 1 Ti: 1 Tl: 1 V: 1 Zn: 1 Zr: 1
HAZARD PICTOGRAMS	
UN:	2209
CLASS/PG:	8/III
ADR:	8/III
IMDG:	8/III
IATA:	8/III
WGK:	2
STORAGE:	Storage away from direct light.
SIGNAL WORD:	Danger

GHS SYMBOLS:	GHS08 GHS05 GHS06
H PHRASES:	H301 H341 H335 H370 H311 H314 H317 H331 H350
P PHRASES:	P201 P202 P260 P261 P264 P501 P270 P271 P272 P280 P281 P301+P310 P301+P330+P331 P302+P352 P303+P361+P353 P304+P340 P305+P351+P338 P308+P313 P310 P311 P312 P321 P322 P330 P333+P313 P338 P361 P363 P403+P233 P405

MASTER NAME:	Formaldehyde 30-40% *stabilized with methanol
SYNONYMS LONG TEXT:	Formaline, Formol
EINECS:	200-001-8
CS:	2912 11 00 00
INDEX NR.:	605-001-00-5

Formaldehyde 30-36% w/v concentrated buffered to pH=7 stabilized with methanol for clinical diagnostics

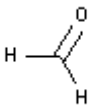
Formaline, Formol

Assay (Iodom.): 30-36 %

CODE	**253572**
CAS	**50-00-0**
MOLECULAR FORMULA	**CH_2O**
MOLAR MASS	**30.03 g/mol**

Packs sizes (1)

CODE	PACKAGING SIZE
CODE 253572.1214	PACKAGING SIZE 5 l



Technical data

BOILING POINT:	96 - 98 °C
DENSITY:	1.08 kg/l

REFRACTIVE INDEX:	20/D 1.3765
PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	253572
PRODUCT NAME:	Formaldehyde 30-36% w/v concentrated buffered to pH=7 stabilized with methanol for clinical diagnostics
QUALITY NAME:	for clinical diagnostics
SPECIFICATIONS:	Assay (Iodom.): 30-36 % pH: 6.8-7.2
HAZARD PICTOGRAMS	
UN:	2209
CLASS/PG:	8/III
ADR:	8/III
IMDG:	8/III
IATA:	8/III
WGK:	2
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS06 GHS05 GHS08
H PHRASES:	H301+H311+H331 H370 H335 H314 H350 H317

P PHRASES:	H341 P201 P202 P260 P261 P264 P501 P270 P271 P272 P280 P281 P301+P310 P301+P330+P331 P302+P352 P303+P361+P353 P304+P340 P305+P351+P338 P308+P313 P310 P311 P312 P321 P322 P330 P333+P313 P338 P361 P363 P403+P233 P405
MASTER NAME:	Formaldehyde 30-36% w/v concentrated buffered to pH=7 stabilized with methanol
SYNONYMS LONG TEXT:	Formaline, Formol
EINECS:	200-001-8
CS:	2912 11 00 00
INDEX NR.:	605-001-00-5

Formaldehyde 3.7-4.0% w/v buffered to pH=7 and stabilized with methanol (CE-IVD) for clinical diagnostics

Formaline, Formol

Assay (Iodom.): 3.7-4.0 %

CODE	**252931**
CAS	**50-00-0**
MOLECULAR FORMULA	**CH_2O**
MOLAR MASS	**30.03 g/mol**

Packs sizes (8)

	CODE	PACKAGING SIZE	
	CODE 252931.1211	PACKAGING SIZE 1000 ml	
	CODE 252931.1212	PACKAGING SIZE 2.5 l	Product discontinued. Alternative 252931.1214 (please check specifications).
	CODE 252931.1214	PACKAGING SIZE 5 l	
	CODE 252931.9914	PACKAGING SIZE 5 l	

CODE
252931.0715

PACKAGING SIZE
10 l

CODE
252931.1215

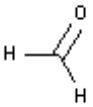
PACKAGING SIZE
10 l

CODE
252931.1315

PACKAGING SIZE
10 l

CODE
252931.0716

PACKAGING SIZE
25 l



Technical data

DENSITY:	1.019 kg/l
SOLUBILITY:	Miscible with water
PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	252931
PRODUCT NAME:	Formaldehyde 3.7-4.0% w/v buffered to pH=7 and stabilized with methanol (CE-IVD) for clinical diagnostics
QUALITY NAME:	for clinical diagnostics
HEADLINE COMMENT:	In Vitro Diagnostic medical device class A in

	compliance to the Regulation (EU) 2017/746.
SPECIFICATIONS:	Assay (Iodom.): 3.7-4.0 % pH: 6.8-7.2 Methanol (w/v): 1 - 1.5 %
HAZARD PICTOGRAMS	
WGK:	2
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS08 GHS07
H PHRASES:	H350 H341 H302 H317
P PHRASES:	P201 P202 P261 P264 P270 P501 P272 P280 P281 P301+P312 P302+P352 P308+P313 P321 P333+P313 P330 P363 P405

MASTER NAME:	Formaldehyde 3,7-4,0% *buffered to pH=7 and stabilized with methanol
SYNONYMS LONG TEXT:	Formaline, Formol
EINECS:	200-001-8
CS:	2912 11 00 00
INDEX NR.:	605-001-00-5

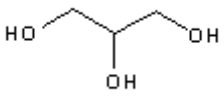
Glycerol 87 % *BioChemica*

Assay (titr.): 85.0 - 88.0 %

CODE	**A0970**
CAS	**56-81-5**
MOLECULAR FORMULA	**$C_3H_8O_3$**
MOLAR MASS	**92.10 g/mol**

Packs sizes (2)

	CODE	PACKAGING SIZE	
	CODE A0970,1000	PACKAGING SIZE 1 L	Product active until stock lasts.
	CODE A0970,5000	PACKAGING SIZE 5 L	Product active until stock lasts.



Technical data

REFRACTIVE INDEX:	n20/D 1.4490 - 1.4550
PHYSICAL DESCRIPTION:	Liquid

PRODUCT CODE:	A0970
PRODUCT NAME:	Glycerol 87 % *BioChemica*
SPECIFICATIONS:	Assay (titr.): 85.0 - 88.0 % Heavy metals (as Pb): max. 0.0001 % Insoluble matter: passes test Aldehyde: max. 0.05 % Water (K.F.): approx. 13 % Chloride: max. 0.0001 %
WGK:	1
STORAGE:	RT
ORIGIN:	from plants (non-animal origin!)
EINECS:	200-289-5
CS:	29054500

Glutaraldehyde solution 25% for synthesis

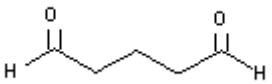
Glutardialdehyde, Glutaric Dialdehyde, Pentanodial

Minimum assay (Oximeacidim.): 25%

CODE	**163857**
CAS	**111-30-8**
MOLECULAR FORMULA	**$C_5H_8O_2$**
MOLAR MASS	**100.12 g/mol**

Packs sizes (1)

	CODE	PACKAGING SIZE	
	CODE 163857.1611	PACKAGING SIZE 1000 ml	Product active until stock lasts.



ⓘ Technical data

MELTING POINT:	-7 °C
BOILING POINT:	189 °C
DENSITY:	1.061 kg/l
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	163857
PRODUCT NAME:	Glutaraldehyde solution 25% for synthesis
QUALITY NAME:	for synthesis
SPECIFICATIONS:	Minimum assay (Oximeacidim.): 25% Density 20/4: 1.059-1.063

HAZARD PICTOGRAMS

UN:	2927
CLASS/PG:	6.1/II
ADR:	6.1/II
IMDG:	6.1/II
IATA:	6.1/II
WGK:	2
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS06 GHS08 GHS05 GHS09
H PHRASES:	H330 H301 H314 H334

	H317 H400 H335 H411
P PHRASES:	P260 P261 P264 P270 P271 P501 P272 P273 P280 P285 P301+P310 P301+P330+P331 P302+P352 P303+P361+P353 P304+P340 P304+P341 P305+P351+P338 P310 P311 P321 P330 P333+P313 P338 P342+P311 P363 P391 P403+P233 P405

MASTER NAME:	Glutaraldehyde solution 25%
SYNONYMS LONG TEXT:	Glutardialdehyde, Glutaric Dialdehyde, Pentanodial
EINECS:	203-856-5
CS:	2912 19 00 00
INDEX NR.:	605-022-00-X

Glutaraldehyde solution 25% for clinical diagnostics

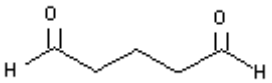
Glutardialdehyde, Glutaric Dialdehyde, Pentanodial

Minimum assay (Oximeacidim.): 25.0%

CODE	**253857**
CAS	**111-30-8**
MOLECULAR FORMULA	**$C_5H_8O_2$**
MOLAR MASS	**100.12 g/mol**

Packs sizes (1)

	CODE	PACKAGING SIZE	
	CODE 253857.1611	PACKAGING SIZE 1000 ml	Product active until stock lasts.



Technical data

MELTING POINT:	-7 °C
BOILING POINT:	189 °C
DENSITY:	1.061 kg/l
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	253857
PRODUCT NAME:	Glutaraldehyde solution 25% for clinical diagnostics
QUALITY NAME:	for clinical diagnostics
SPECIFICATIONS:	Minimum assay (Oximeacidim.): 25.0% Density 20/4: 1.059-1.063
HAZARD PICTOGRAMS	
UN:	2927
CLASS/PG:	6.1/II
ADR:	6.1/II
IMDG:	6.1/II
IATA:	6.1/II
WGK:	2
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS06 GHS08 GHS05 GHS09
H PHRASES:	H330 H301 H314 H334 H317

	H400 H335 H411
P PHRASES:	P260 P261 P264 P270 P271 P501 P272 P273 P280 P285 P301+P310 P301+P330+P331 P302+P352 P303+P361+P353 P304+P340 P304+P341 P305+P351+P338 P310 P311 P321 P330 P333+P313 P338 P342+P311 P363 P391 P403+P233 P405

MASTER NAME:	Glutaraldehyde solution 25%
SYNONYMS LONG TEXT:	Glutardialdehyde, Glutaric Dialdehyde, Pentanodial
EINECS:	203-856-5
CS:	2912 19 00 00
INDEX NR.:	605-022-00-X

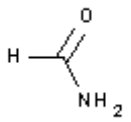
Formamide for analysis, ACS

Assay (GC): min. 99.5 %

CODE	**131956**
CAS	**75-12-7**
MOLECULAR FORMULA	**$HCONH_2$**
MOLAR MASS	**45.04 g/mol**

Packs sizes (1)

	CODE	PACKAGING SIZE	
	CODE 131956.1211	PACKAGING SIZE 1000 ml	Product discontinued. Alternative A2156,1000 (please check specifications).



Technical data

REFRACTIVE INDEX:	n20/D 1.4472
PHYSICAL DESCRIPTION:	Liquid
PRODUCT CODE:	131956
PRODUCT NAME:	Formamide for analysis, ACS

SPECIFICATIONS:

Assay (GC): min. 99.5 %
Identity (IR): passes test
Density (d 20°C/4°C): 1.132 - 1.135
Freezing point: 2.0 - 3.0°C
Color: max. 10 APHA
Formic acid (HCOOH): max. 0.02 %
Water (H_2O): max. 0.1 %
Ag: max. 0.00005 %
Al: max. 0.00005 %
Au: max. 0.00005 %
B: max. 0.00005 %
Ba: max. 0.00005 %
Be: max. 0.00005 %
Bi: max. 0.00005 %
Ca: max. 0.0005 %
Cd: max. 0.0001 %
Co: max. 0.0001 %
Cr: max. 0.0001 %
Cu: max. 0.0001 %
Fe: max. 0.0001 %
Ga: max. 0.00005 %
Ge: max. 0.00005 %
Hg: max. 0.00005 %
In: max. 0.00005 %
K: max. 0.002 %
Li: max. 0.00005 %
Mg: max. 0.0001 %
Mn: max. 0.0001 %
Mo: max. 0.00005 %
Na: max. 0.002 %
Ni: max. 0.0001 %
P: max. 0.00005 %
Pb: max. 0.0001 %
Pt: max. 0.00005 %
S: max. 0.00005 %
Sb: max. 0.00005 %
Si: max. 0.00005 %
Sn: max. 0.0005 %
Sr: max. 0.00005 %
Ti: max. 0.00005 %
Tl: max. 0.00005 %
V: max. 0.00005 %
Zn: max. 0.0001 %
Zr: max. 0.00005 %

HAZARD PICTOGRAMS	
WGK:	1
STORAGE:	RT
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS08
H PHRASES:	H351 H360D H373
P PHRASES:	P260 P280 P308+P313 P314 P405 P501
EINECS:	200-842-0
CS:	29241900
INDEX NR.:	616-052-00-8

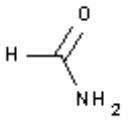
Formamide deionized (Reag. USP, ACS) for analysis, molecular biology

Assay (GC): min. 99.5 %

CODE	**A2156**
CAS	**75-12-7**
MOLECULAR FORMULA	**$HCONH_2$**
MOLAR MASS	**45.04 g/mol**

Packs sizes (2)

	CODE	PACKAGING SIZE
	A2156,0500	500 ml
	A2156,1000	1 L



Technical data

REFRACTIVE INDEX:	n20/D 1.4472
PHYSICAL DESCRIPTION:	

	Liquid
PRODUCT CODE:	A2156
PRODUCT NAME:	Formamide deionized (Reag. USP, ACS) for analysis, molecular biology
HEADLINE COMMENT:	• For scientific research and laboratory use only!
SPECIFICATIONS:	DNases/RNases/Proteases: not detectable Assay (GC): min. 99.5 % Identity (IR): passes test Freezing point: 2.0 - 3.0°C Color: max. 10 APHA Density (d 20°C/4°C): 1.132 - 1.135 Formic acid (HCOOH): max. 0.02 % Water: max. 0.1 % Chloride: max. 0.00005 % Fe: max. 0.00001 % Pb: max. 0.00001 % Be: max. 0.00005 % Ge: max. 0.00005 % Mo: max. 0.00005 % Sn: max. 0.0005 % Al: max. 0.00005 % Tl: max. 0.00005 % B: max. 0.00005 % Sr: max. 0.00005 % Li: max. 0.00005 % Zn: max. 0.0001 % Mg: max. 0.0001 % Cd: max. 0.0001 % Pt: max. 0.00005 % Ca: max. 0.0005 % In: max. 0.00005 % Sb: max. 0.00005 % S: max. 0.00005 % Ga: max. 0.00005 % Au: max. 0.00005 % Mn: max. 0.0001 % Ni: max. 0.0001 % Bi: max. 0.00005 % Si: max. 0.00005 % P: max. 0.00005 %

	Cr: max. 0.0001 % Co: max. 0.0001 % Na: max. 0.002 % Cu: max. 0.0001 % Ag: max. 0.00005 % K: max. 0.002 % Hg: max. 0.00005 % Ti: max. 0.00005 % Ba: max. 0.00005 % Zr: max. 0.00005 % V: max. 0.00005 %
HAZARD PICTOGRAMS	
WGK:	1
STORAGE:	RT
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS08
H PHRASES:	H351 H360D H373
P PHRASES:	P260 P280 P308+P313 P314 P405 P501
EINECS:	200-842-0
CS:	29241900
INDEX NR.:	616-052-00-8

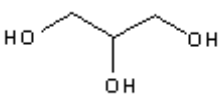
Glycerol (Reag. USP) for analysis, ACS, Molecular biology grade, *BioChemica*

Assay (GC): min. 99.5 %

CODE	**131339**
CAS	**56-81-5**
MOLECULAR FORMULA	**$C_3H_8O_3$**
MOLAR MASS	**92.10 g/mol**

Packs sizes (3)

	CODE	PACKAGING SIZE
	CODE 131339.1211	PACKAGING SIZE 1000 ml
	CODE 131339.1212	PACKAGING SIZE 2.5 L
	CODE 131339.1214	PACKAGING SIZE 5 L



Technical data

REFRACTIVE INDEX:	n20/D 1.4740
PHYSICAL DESCRIPTION:	Liquid
PRODUCT CODE:	131339
PRODUCT NAME:	Glycerol (Reag. USP) for analysis, ACS, Molecular biology grade, *BioChemica*
SPECIFICATIONS:	DNases/RNases/Proteases: not detectable Assay (GC): min. 99.5 % Chlorine compounds (as Cl): max. 0.003 % Identity (IR): passes test Density (d 20°C/4°C): 1.257 - 1.261 Color no.: max. 10 APHA Acidity: max. 0.0005 meq/g Alkalinity: max. 0.0003 meq/g Insoluble matter in H_2O: passes test Darkened substances by H_2SO_4: passes test Residue on ignition (as SO_4): max. 0.005 % Heavy metals (as Pb): max. 0.0001 % Neutrality: passes test Fatty acid esters (as $C_{15}H_{26}O_6$): max. 0.02 % Acrolein and glucose: passes test Water (H_2O): max. 0.5 % Chloride: max. 0.0001 % Sulfate: max. 0.0005 % Ammonium: max. 0.0005 % As: max. 0.00004 % Fe: max. 0.0001 % Pb: max. 0.0001 % Cu: max. 0.0001 % Ni: max. 0.0001 % A (1 cm/2 M in H_2O) 260 nm: max. 0.05 280 nm: max. 0.05
WGK:	1
STORAGE:	RT

ORIGIN:	from plants (non-animal origin!)
EINECS:	200-289-5
CS:	29054500

Glycerol (Ph. Eur, BP, USP) IPEC grade

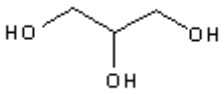
1,2,3-Propanetriol, Glycerol

Assay (calc. a.a.s): 99.0-101.0%

CODE	**631339**
CAS	**56-81-5**
MOLECULAR FORMULA	**$C_3H_8O_3$**
MOLAR MASS	**92.10 g/mol**

Packs sizes (1)

CODE	PACKAGING SIZE
CODE 631339.0716	PACKAGING SIZE 25 l



Technical data

MELTING POINT:	17.8 °C
BOILING POINT:	290 °C
DENSITY:	1.259 kg/l
REFRACTIVE INDEX:	20/D 1.474
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	631339
PRODUCT NAME:	Glycerol (Ph. Eur, BP, USP) IPEC grade
QUALITY NAME:	IPEC grade
SPECIFICATIONS:	Assay (calc. a.a.s): 99.0-101.0% Identity according to Pharmacopoeias: (A Ph. Eur / USP): passes test (B Ph. Eur / USP): passes test (C Ph. Eur / USP): passes test (D Ph. Eur): passes test Density 25/25: ≥ 1.249 Density 20/20: 1.258 - 1.268 Refractive Index n 20/D: 1.470-1.475 Specific gravity at 25°C: ≥1.249 Maximum limit of impurities Appearance of solution Appearance Transparent < formazin 50: passes test Appearance Colourless: passes test Acidity or alkalinity: < 0,2 ml NaOH 0,1M Residue on ignition (as SO4): 0.01 % Sugars: passes test Chloride (Cl): 0.0010% Sulfate (SO4): 0.002% Color: passes test Halogenated compounds Ph. Eur (as Cl): 0.0035% Chlorinated compounds USP (Cl): 0.003% Residual solvents (Ph.Eur/USP): passes test Aldehydes (as CH2O): 0.0010% Total impurities Tr > Tr glycerine: 0.5% Impurity A (Diethyleneglycol): 0.1% Individual Tr < Tr glycerine: 0.1% Impurity A and related substances (C.G.) Diethyleneglycol and ethyleneglycol impurities (CG) Diethyleneglycol: 0.1% Ethyleneglycol: 0.1% Esters Ph. Eur.: passes test Fatty Acids and Esters (USP): < 1 ml NaOH 0,5 N Water (H2O): 2.0 %

	DOES NOT COME FROM ANIMAL ORIGIN.
WGK:	1
STORAGE:	Room Temperature.
MASTER NAME:	Glycerol
SYNONYMS LONG TEXT:	1,2,3-Propanetriol, Glycerol
EINECS:	200-289-5
CS:	2905 45 00 00

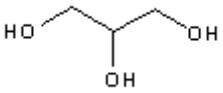
Glycerol 87 % for molecular biology

Assay (titr.): 86.0 - 88.0 %

CODE	**A3739**
CAS	**56-81-5**
MOLECULAR FORMULA	**$C_3H_8O_3$**
MOLAR MASS	**92.10 g/mol**

Packs sizes (1)

CODE	PACKAGING SIZE
CODE A3739,1000	PACKAGING SIZE 1 L



Technical data

REFRACTIVE INDEX:	n20/D 1.4490 - 1.4550
PHYSICAL DESCRIPTION:	Liquid
PRODUCT CODE:	A3739
PRODUCT NAME:	Glycerol 87 % for molecular biology
SPECIFICATIONS:	DNases/RNases/Proteases: not detectable

	Assay (titr.): 86.0 - 88.0 % Aldehyde: max. 0.05 % Water (K.F.): approx. 13 % Chloride: max. 0.0001 % Fe: max. 0.0005 % Pb: max. 0.0001 %
WGK:	1
STORAGE:	RT
ORIGIN:	from plants (non-animal origin!)
EINECS:	200-289-5
CS:	29054500

Glycerol 87% for analysis

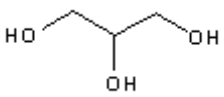
1,2,3,-Propanetriol, Glycerol

Assay (C3H8O3): 86.0-88.0 %

CODE	**122329**
CAS	**56-81-5**
MOLECULAR FORMULA	**$C_3H_8O_3$**
MOLAR MASS	**92.10 g/mol**

Packs sizes (2)

	CODE	PACKAGING SIZE	
	CODE 122329.1211	PACKAGING SIZE 1000 ml	Product discontinued. Alternative 142329.1211 (please check specifications).
	CODE 122329.1214	PACKAGING SIZE 5 l	Product discontinued. Alternative 142329.1214 (please check specifications).



ⓘ Technical data

MELTING POINT:	-10 °C
BOILING POINT:	130 °C 1,000 hPa

DENSITY:	1.228 kg/l
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	122329
PRODUCT NAME:	Glycerol 87% for analysis
QUALITY NAME:	for analysis
SPECIFICATIONS:	Assay (C3H8O3): 86.0-88.0 % Density 20/4: 1.224-1.232 Maximum limit of impurities Acidity: 0.0005 meq/g Alkalinity: 0.0003 meq/g Insoluble matter in H2O: passes test Darkened substances by H2SO4: passes test Residue on ignition (as SO4): 0.005 % Chloride (Cl): 0.0001% Ammonium (NH4): 0.0005% Sulfate (SO4): 0.0005% Fatty acid esters (as C15H26O6): 0.05% Water (H2O): 12.0-14.0 % As: 0.00004 % Cu: 0.0001 % Fe: 0.0001 % Ni: 0.0001 % Pb: 0.0001 % GLYCERINE OF VEGETABLE ORIGIN

WGK:	1
STORAGE:	Room Temperature.

MASTER NAME:	Glycerol 87%
SYNONYMS LONG TEXT:	1,2,3,-Propanetriol, Glycerol
EINECS:	200-289-5
CS:	2905 45 00 00

Glycerol 87% (BP, Ph. Eur.) pharma grade, BioChemica

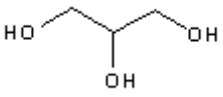
1,2,3,-Propanetriol, Glycerol

Assay (C3H8O3): 85.0-88.0 %

CODE	**142329**
CAS	**56-81-5**
MOLECULAR FORMULA	**$C_3H_8O_3$**
MOLAR MASS	**92.10 g/mol**

Packs sizes (3)

	CODE	PACKAGING SIZE
	CODE 142329.1211	PACKAGING SIZE 1000 ml
	CODE 142329.1214	PACKAGING SIZE 5 l
	CODE 142329.0719	PACKAGING SIZE 200 l



Technical data

MELTING POINT:	-10 °C
BOILING POINT:	130 °C 1,000 hPa
DENSITY:	1.228 kg/l
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	142329
PRODUCT NAME:	Glycerol 87% (BP, Ph. Eur.) pharma grade, BioChemica
QUALITY NAME:	pharma grade, BioChemica
SPECIFICATIONS:	Assay (C3H8O3): 85.0-88.0 % Identity according to Pharmacopoeias:: passes test Density 20/4: 1.224 - 1.232 Refractive Index n 20/D: 1.449-1.455 Maximum limit of impurities Appearance of solution: passes test Acidity or alkalinity: passes test Insoluble matter in H2O: passes test Darkened substances by H2SO4: passes test Residue on ignition (as SO4): 0.01 % Sugars: passes test Chloride (Cl): 0.0001% Ammonium (NH4): 0.001% Sulfate (SO4): 0.002% Halogenated compounds (as Cl): 0.003% Residual solvents (Ph.Eur.): passes test Aldehydes (as CH2O): 0.001% Diethyleneglycol and related substances: passes test Esters: passes test Water (H2O): 12-14 % Heavy metals (as Pb): 0.0001% GLYCERINE OF VEGETABLE ORIGIN

WGK:	1
STORAGE:	Room Temperature.
MASTER NAME:	Glycerol 87%
SYNONYMS LONG TEXT:	1,2,3,-Propanetriol, Glycerol
EINECS:	200-289-5
CS:	2905 45 00 00

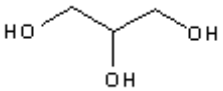
Glycerol anhydrous for molecular biology

Assay (GC): min. 99.5 %

CODE	**A2926**
CAS	**56-81-5**
MOLECULAR FORMULA	**$C_3H_8O_3$**
MOLAR MASS	**92.10 g/mol**

Packs sizes (3)

	CODE	PACKAGING SIZE	
	CODE A2926,0500	PACKAGING SIZE 500 ml	Product active until stock lasts.
	CODE A2926,1000	PACKAGING SIZE 1 L	Product active until stock lasts.
	CODE A2926,2500	PACKAGING SIZE 2.5 L	Product active until stock lasts.



Technical data

REFRACTIVE INDEX:	n20/D 1.4740
PHYSICAL DESCRIPTION:	Liquid
PRODUCT CODE:	A2926
PRODUCT NAME:	Glycerol anhydrous for molecular biology
SPECIFICATIONS:	DNases/RNases/Proteases: not detectable Assay (GC): min. 99.5 % Acidity/Alkalinity: passes test Organic chlorine: max. 0.0005 % Fatty acids: max. 0.02 % Water (K.F.): max. 0.5 % Chloride: max. 0.0001 % Sulfate: max. 0.001 % As: max. 0.0001 % Fe: max. 0.0005 % Pb: max. 0.0001 %
WGK:	1
STORAGE:	RT
ORIGIN:	from plants (non-animal origin!)
EINECS:	200-289-5
CS:	29054500

Heptane, alkanes mixture for analysis

CODE	**121345**
CAS	**142-82-5**
MOLECULAR FORMULA	**C_7H_{16}**
MOLAR MASS	**100.21 g/mol**

Packs sizes (2)

	CODE	PACKAGING SIZE	
	CODE 121345.1611	PACKAGING SIZE 1000 ml	Product discontinued. Alternative 121345.1612 (please check specifications).
	CODE 121345.1612	PACKAGING SIZE 2.5 l	

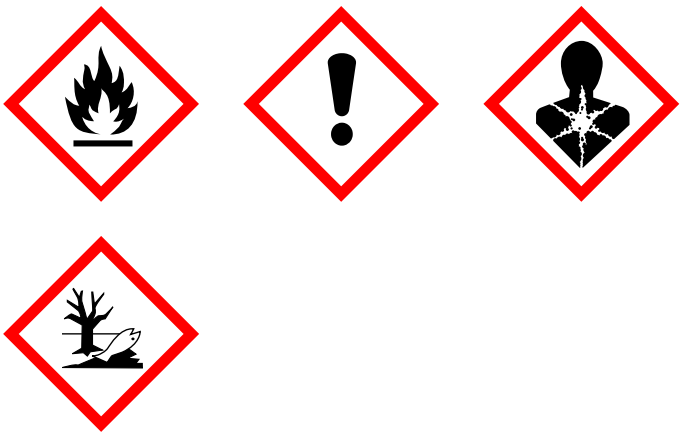
Technical data

BOILING POINT:	95 - 105 °C
DENSITY:	0.710 kg/l
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	121345
PRODUCT NAME:	Heptane, alkanes mixture for analysis
QUALITY NAME:	for analysis
SPECIFICATIONS:	Density 20/4: 0.685-0.720

Maximum limit of impurities
Acidity: 0.0003 meq/g
Non-volatile matter: 0.001 %
Darkened substances by H2SO4: passes test
Sulfur compounds (as S): 0.005 %
Thiophene: passes test
Water (H2O): 0.01 %
Ca: 0.00005 %
Cd: 0.000005 %
Co: 0.000002 %
Cr: 0.000002 %
Cu: 0.000002 %
Fe: 0.00001 %
Mg: 0.00001 %
Mn: 0.000002 %
Ni: 0.000002 %
Pb: 0.00001 %
Zn: 0.00001 %

HAZARD PICTOGRAMS



UN:	1206
CLASS/PG:	3/II
ADR:	3/II

IMDG:	3/II
IATA:	3/II
WGK:	2
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07 GHS08 GHS09
H PHRASES:	H225 H315 H304 H336 H410 H400
P PHRASES:	P210 P233 P240 P241 P242 P243 P261 P264 P271 P273 P280 P301+P310 P302+P352 P303+P361+P353 P304+P340 P312 P321 P331 P332+P313 P362 P370+P378 P391 P403+P233

	P403+P235 P405 P501
MASTER NAME:	Heptane, *alkanes mixture
EINECS:	205-563-8
CS:	2901 10 00 00
INDEX NR.:	601-008-00-2

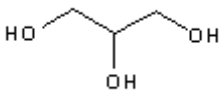
Glycerol anhydrous *BioChemica*

Assay (titr.): min. 99.0 %

CODE	**A1123**
CAS	**56-81-5**
MOLECULAR FORMULA	**$C_3H_8O_3$**
MOLAR MASS	**92.10 g/mol**

Packs sizes (2)

	CODE	PACKAGING SIZE	
	CODE A1123,1000	PACKAGING SIZE 1 L	Product active until stock lasts.
	CODE A1123,2500	PACKAGING SIZE 2.5 L	Product active until stock lasts.



Technical data

REFRACTIVE INDEX:	n20/D 1.4740
PHYSICAL DESCRIPTION:	Liquid

PRODUCT CODE:	A1123
PRODUCT NAME:	Glycerol anhydrous *BioChemica*
SPECIFICATIONS:	Assay (titr.): min. 99.0 % Acidity/Alkalinity: passes test Organic chlorine: max. 0.0005 % Heavy metals (as Pb): max. 0.0005 % Insoluble matter: passes test Fatty acids: max. 0.02 % Water (K.F.): max. 0.5 % Chloride: max. 0.0001 % Sulfate: max. 0.001 % A (1 cm/2 M in H_2O) 260 nm: max. 0.05 280 nm: max. 0.05
WGK:	1
STORAGE:	RT
ORIGIN:	from plants (non-animal origin!)
EINECS:	200-289-5
CS:	29054500

Glycerol, 99% for synthesis

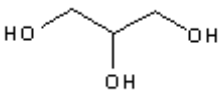
1,2,3-Propanetriol, Glycerol

Assay (G.C.): 99.0%

CODE	**151339**
CAS	**56-81-5**
MOLECULAR FORMULA	**$C_3H_8O_3$**
MOLAR MASS	**92.10 g/mol**

Packs sizes (2)

	CODE	PACKAGING SIZE	
	CODE 151339.1211	PACKAGING SIZE 1000 ml	
	CODE 151339.1214	PACKAGING SIZE 5 l	Product active until stock lasts.



Technical data

MELTING POINT:	17.8 °C
BOILING POINT:	290 °C

DENSITY:	1.259 kg/l
REFRACTIVE INDEX:	20/D 1.474
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	151339
PRODUCT NAME:	Glycerol, 99% for synthesis
QUALITY NAME:	for synthesis
SPECIFICATIONS:	Assay (G.C.): 99.0% Identity: IR passes test Density 20/4: 1.259-1.263 Chloride (Cl): 0.005% Sulfate (SO4): 0.005% Water (H2O): 0.5 % As: 0.0003% GLYCERINE OF VEGETABLE ORIGIN

WGK:	1
STORAGE:	Room Temperature.

MASTER NAME:	Glycerol
SYNONYMS LONG TEXT:	1,2,3-Propanetriol, Glycerol
EINECS:	200-289-5
CS:	2905 45 00 00

Glycerol (USP, BP, Ph. Eur.) pure, pharma grade

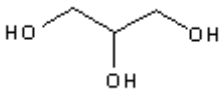
1,2,3-Propanetriol, Glycerol

Assay (C3H8O3) calc. a.d.s.: 99.0-101.0%

CODE	**141339**
CAS	**56-81-5**
MOLECULAR FORMULA	**$C_3H_8O_3$**
MOLAR MASS	**92.10 g/mol**

Packs sizes (5)

	CODE	PACKAGING SIZE
	CODE 141339.1211	PACKAGING SIZE 1000 ml
	CODE 141339.1212	PACKAGING SIZE 2.5 l
	CODE 141339.1214	PACKAGING SIZE 5 l
	CODE 141339.0716	PACKAGING SIZE 25 l
	CODE 141339.0719	PACKAGING SIZE 200 l



Technical data

MELTING POINT:	17.8 °C
BOILING POINT:	290 °C
DENSITY:	1.259 kg/l
REFRACTIVE INDEX:	20/D 1.474
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	141339
PRODUCT NAME:	Glycerol (USP, BP, Ph. Eur.) pure, pharma grade
QUALITY NAME:	pure, pharma grade
SPECIFICATIONS:	Assay (C3H8O3) calc. a.d.s.: 99.0-101.0% Identity according to Pharmacopoeias:: passes test Density 25/25: ≥ 1.249 Density 20/20: 1.258 - 1.268 Refractive Index n 20/D: 1.470-1.475 Maximum limit of impurities Appearance of solution: passes test Acidity or alkalinity: passes test Residue on ignition (as SO4): 0.01 % Sugars: passes test Chloride (Cl): 0.001% Ammonium (NH4): 0.001% Sulfate (SO4): 0.002% Color: passes test Halogenated compounds (as Cl): 0.003 % Residual solvents (Ph.Eur/USP): passes test

	Organic impurities - Related substances Individual: 0.1 % Total: 1.0 % Aldehydes (as CH2O): 0.0010% Diethyleneglycol (USP): 0.025% Esters: passes test Ethylenglycol (USP): 0.025% Impurity A and related substances (Ph. Eur.) Impurity A (Diethyleneglycol): 0.1 % Individual Tr < Tr glycerine: 0.1 % Total impurities Tr > Tr glycerine: 0.5 % Water (H2O): 0.5 % GLYCERINE OF VEGETABLE ORIGIN
WGK:	1
STORAGE:	Room Temperature.
MASTER NAME:	Glycerol
SYNONYMS LONG TEXT:	1,2,3-Propanetriol, Glycerol
EINECS:	200-289-5
CS:	2905 45 00 00

Histofix ® decalcifier 2 for clinical diagnostics

CODE

256238

Packs sizes (1)

	CODE	PACKAGING SIZE
	CODE 256238.1211	PACKAGING SIZE 1000 ml

Technical data

DENSITY:	1.048 kg/l
PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	256238
PRODUCT NAME:	Histofix ® decalcifier 2 for clinical diagnostics
QUALITY NAME:	for clinical diagnostics
HEADLINE COMMENT:	(® Registered trade-mark of Panreac Química S.L.U.) medium decalcifier for fixed tissues
SPECIFICATIONS:	Suitability: as decalcifier: passes test

HAZARD PICTOGRAMS

UN:	3264
CLASS/PG:	8/II
ADR:	8/II
IMDG:	8/II
IATA:	8/II
STORAGE:	Room Temperature.
SIGNAL WORD:	Warning
GHS SYMBOLS:	GHS05
H PHRASES:	H290
P PHRASES:	P261 P264 P271 P280 P302+P352 P501 P304+P340 P305+P351+P338 P312 P321 P332+P313 P337+P313 P362 P403+P233 P405

MASTER NAME:	Histofix ® decalcifier 2
CS:	3822 90 00 00

Hexane, alkanes mixture for HPLC

Minimum assay (as isomers C6H14) (G.C.): 95.0%

CODE	**361347**
CAS	**92112-69-1**
MOLECULAR FORMULA	**C_6H_{14}**
MOLAR MASS	**86.18 g/mol**

Packs sizes (1)

CODE	PACKAGING SIZE
CODE 361347.1612	PACKAGING SIZE 2.5 l

Technical data

MELTING POINT:	-95 °C
BOILING POINT:	60 - 70 °C
DENSITY:	0.67 kg/l
PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	361347
PRODUCT NAME:	Hexane, alkanes mixture for HPLC
QUALITY NAME:	for HPLC
SPECIFICATIONS:	Minimum assay (as isomers C6H14) (G.C.): 95.0%

	Maximum limit of impurities Acidity: 0.0003 meq/g Non-volatile matter: 0.0005 % Water (H2O): 0.01 % UV Spectrum (1cm cell; Ref.: water): Transmittance at 200 (Cut off) nm: ≥10% Transmittance at 210 nm: ≥40% Transmittance at 220 nm: ≥85% Transmittance at 254-400 nm: ≥99% For critical jobs, purge with nitrogen. Microfiltered product (0.2 µm) and bottled under nitrogen atmosphere. Hydrocarbons mixture consisting mainly in: 50% n-Hexane, 45% isomers (2- and 3-Methylpentanes and Methylcyclopentane) and variable amounts of Dimethylbutanes and Cyclohexane.
HAZARD PICTOGRAMS	
UN:	1208
CLASS/PG:	3(CONT.MARINO)/II
ADR:	3(CONT.MARINO)/II
IMDG:	3(CONT.MARINO)/II
IATA:	3(CONT.MARINO)/II
WGK:	2
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07 GHS08

	GHS09
H PHRASES:	H225 H315 H411 H304 H336 H373 H361f
P PHRASES:	P210 P233 P240 P241 P242 P243 P261 P264 P271 P273 P280 P301+P310 P302+P352 P303+P361+P353 P304+P340 P312 P321 P331 P332+P313 P362 P370+P378 P391 P403+P233 P403+P235 P405 P501

MASTER NAME:	Hexane, *alkanes mixture
EINECS:	295-570-2
CS:	2901 10 00 00

Hexane, alkanes mixture for analysis

Minimum assay (as isomers C6H14) (G.C.): 95.0%

CODE	**121347**
CAS	**92112-69-1**
MOLECULAR FORMULA	**C_6H_{14}**
MOLAR MASS	**86.18 g/mol**

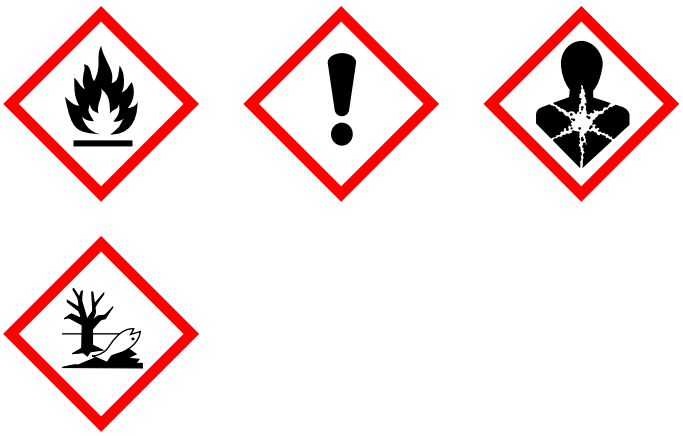
Packs sizes (5)

	CODE	PACKAGING SIZE
	121347.1611	1000 ml
	121347.1612	2.5 l
	121347.0314	5 l
	121347.0316	25 l
	121347.0537	30 l

Technical data

MELTING POINT:	-95 °C
BOILING POINT:	60 - 70 °C
DENSITY:	0.67 kg/l
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	121347
PRODUCT NAME:	Hexane, alkanes mixture for analysis
QUALITY NAME:	for analysis
SPECIFICATIONS:	Minimum assay (as isomers C6H14) (G.C.): 95.0% Maximum limit of impurities Acidity: 0.0003 meq/g Non-volatile matter: 0.001 % Darkened substances by H2SO4: passes test Sulfur compounds (as S): 0.005 % Thiophene: passes test Water (H2O): 0.01 % Metals by ICP [in mg/Kg (ppm)] Ag: 0,05 Al: 0,5 As: 0,05 Au: 0,05 B: 0,02 Ba: 0,1 Be: 0,02 Bi: 0,05 Ca: 0,5 Cd: 0,05 Co: 0,02 Cr: 0,02 Cu: 0,02 Fe: 0,1 Ga: 0,02

	Ge: 0,05 Hg: 0,05 In: 0,05 K: 0,1 Li: 0,05 Mg: 0,1 Mn: 0,02 Mo: 0,02 Na: 0,5 Ni: 0,02 P: 5,0 Pb: 0,1 Pt: 0,02 S: 0,2 Sb: 0,02 Si: 0,2 Sn: 0,1 Sr: 0,2 Ti: 0,02 Tl: 0,02 V: 0,02 Zn: 0,1 Zr: 0,02
HAZARD PICTOGRAMS	
UN:	1208
CLASS/PG:	3(CONT.MARINO)/II
ADR:	3(CONT.MARINO)/II
IMDG:	3(CONT.MARINO)/II
IATA:	3(CONT.MARINO)/II

WGK:	2
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07 GHS08 GHS09
H PHRASES:	H225 H315 H411 H304 H336 H373 H361f
P PHRASES:	P210 P233 P240 P241 P242 P243 P261 P264 P271 P273 P280 P301+P310 P302+P352 P303+P361+P353 P304+P340 P312 P321 P331 P332+P313 P362 P370+P378 P391 P403+P233 P403+P235 P405 P501

MASTER NAME:	Hexane, *alkanes mixture
EINECS:	295-570-2
CS:	2901 10 00 00

Hexane, 95% alkanes mixture for synthesis

Minimum assay (as isomers C6H14) (G.C.): 95%

CODE	**161347**
CAS	**92112-69-1**
MOLECULAR FORMULA	**C_6H_{14}**
MOLAR MASS	**86.18 g/mol**

Packs sizes (2)

	CODE	PACKAGING SIZE
	CODE 161347.1714	PACKAGING SIZE 5 l
	CODE 161347.0616	PACKAGING SIZE 25 l

Technical data

MELTING POINT:	-95 °C
BOILING POINT:	60 - 70 °C
DENSITY:	0.67 kg/l
PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	161347

PRODUCT NAME:	Hexane, 95% alkanes mixture for synthesis
QUALITY NAME:	for synthesis
SPECIFICATIONS:	Minimum assay (as isomers C6H14) (G.C.): 95% Non-volatile matter: 0.001 % Water (H2O): 0.01 %

HAZARD PICTOGRAMS

UN:	1208
CLASS/PG:	3(CONT.MARINO)/II
ADR:	3(CONT.MARINO)/II
IMDG:	3(CONT.MARINO)/II
IATA:	3(CONT.MARINO)/II
WGK:	2
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07 GHS08 GHS09
H PHRASES:	H225 H315 H411 H304

	H336 H373 H361f
P PHRASES:	P210 P233 P240 P241 P242 P243 P261 P264 P271 P273 P280 P301+P310 P302+P352 P303+P361+P353 P304+P340 P312 P321 P331 P332+P313 P362 P370+P378 P391 P403+P233 P403+P235 P405 P501

MASTER NAME:	Hexane, *alkanes mixture
EINECS:	295-570-2
CS:	2901 10 00 00

Heptane, alkanes mixture for synthesis

CODE	**161345**
CAS	**142-82-5**
MOLECULAR FORMULA	**C_7H_{16}**
MOLAR MASS	**100.21 g/mol**

Packs sizes (2)

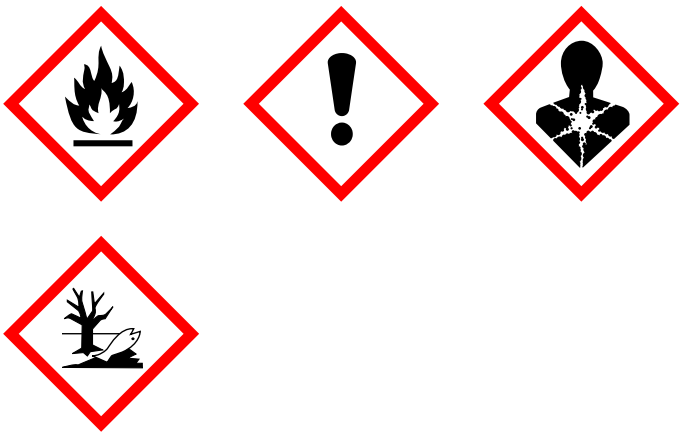
	CODE	PACKAGING SIZE	
	CODE 161345.1714	PACKAGING SIZE 5 l	Product discontinued. Alternative 162062.1714 (please check specifications).
	CODE 161345.0519	PACKAGING SIZE 200 l	

Technical data

BOILING POINT:	95 - 105 °C
DENSITY:	0.710 kg/l
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	161345
PRODUCT NAME:	Heptane, alkanes mixture for synthesis
QUALITY NAME:	for synthesis
SPECIFICATIONS:	Density 20/4: 0.685-0.720 Non-volatile matter: 0.001 % Water (H2O): 0.01 %

HAZARD PICTOGRAMS



UN:	1206
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	2
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07 GHS08 GHS09
H PHRASES:	H225 H315 H304

	H336 H410 H400
P PHRASES:	P210 P233 P240 P241 P242 P243 P261 P264 P271 P273 P280 P301+P310 P302+P352 P303+P361+P353 P304+P340 P312 P321 P331 P332+P313 P362 P370+P378 P391 P403+P233 P403+P235 P405 P501

MASTER NAME:	Heptane, *alkanes mixture
EINECS:	205-563-8
CS:	2901 10 00 00
INDEX NR.:	601-008-00-2

Hydrochloric Acid-Alcohol - Mixture (0.75 % HCl) solution for clinical diagnostics

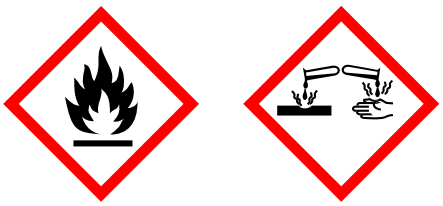
CODE

257097

Packs sizes (1)

	CODE	PACKAGING SIZE
	CODE 257097.1211	PACKAGING SIZE 1 L

Technical data

PHYSICAL DESCRIPTION:	Liquid
PRODUCT CODE:	257097
PRODUCT NAME:	Hydrochloric Acid-Alcohol - Mixture (0.75 % HCl) solution for clinical diagnostics
SPECIFICATIONS:	Hydrochloric Acid: 0.75 %
HAZARD PICTOGRAMS	
UN:	2924
CLASS/PG:	3(8)/II
ADR:	3(8)/II

IMDG:	3(8)/II
IATA:	3(8)/II
WGK:	1
STORAGE:	RT
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS05
H PHRASES:	H225 H290 H319
P PHRASES:	P210 P280 P303+P361+P353 P305+P351+P338 P403+P235 P501
CS:	38221900

Histofix ® Preservative ready to use (pink)(CE-IVD) for clinical diagnostics

Assay (Iodom.): 3.7 - 4.0 %

CODE

257462

Packs sizes (3)

	CODE	PACKAGING SIZE
	CODE 257462.0905	PACKAGING SIZE 45x10 ml
	CODE 257462.0962	PACKAGING SIZE 45x30 ml
	CODE 257462.0961	PACKAGING SIZE 45x40 ml

Technical data

DENSITY:	1.019 kg/l
SOLUBILITY:	Miscible with water
PHYSICAL DESCRIPTION:	Clear liquid
PRODUCT CODE:	257462
PRODUCT NAME:	Histofix ® Preservative ready to use (pink)(CE-IVD) for clinical diagnostics
QUALITY NAME:	for clinical diagnostics

HEADLINE COMMENT:	In Vitro Diagnostic medical device class A in compliance to the Regulation (EU) 2017/746,
SPECIFICATIONS:	Assay (Iodom.): 3.7 - 4.0 % pH: 6.8 - 7.2 UV Spectrum (1cm cell; Ref.: water) ABS # máx. (525 - 527 nm): ≥ 0,9 Methanol (w/v): 1 - 1.5 %
HAZARD PICTOGRAMS	
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS08 GHS07
H PHRASES:	H350 H317 H341 H302
P PHRASES:	P201 P202 P261 P272 P280 P281 P302+P352 P308+P313 P321 P333+P313 P363 P405 P501
MASTER NAME:	Histofix ® Preservative ready to use (pink)
CS:	3822 90 00 00

Histofix ® Preservative ready to use (CE-IVD) for clinical diagnostics

Assay (Iodom.): 3.7-4.0 %

CODE **256462**

CAS **50-00-0**

Packs sizes (11)

	CODE	PACKAGING SIZE
	256462.09150	4x3 l
	256462.0905	45x10 ml
	256462.0955	44x20 ml
	256462.0962	45x30 ml
	256462.0961	45x40 ml
	256462.0967	24x75 ml

CODE
256462.0943

PACKAGING SIZE
16x125 ml

CODE
256462.0944

PACKAGING SIZE
12x200 ml

CODE
256462.09149

PACKAGING SIZE
10x600 ml

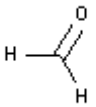
CODE
256462.0931

PACKAGING SIZE
3 l

Product active until stock lasts.

CODE
256462.09118

PACKAGING SIZE
4x1,5 L



Technical data

DENSITY:	1.019 kg/l
SOLUBILITY:	Miscible with water
PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	256462
PRODUCT NAME:	Histofix ® Preservative ready to use (CE-IVD) for clinical diagnostics

QUALITY NAME:	for clinical diagnostics
HEADLINE COMMENT:	In Vitro Diagnostic medical device class A in compliance to the Regulation (EU) 2017/746.
SPECIFICATIONS:	Assay (Iodom.): 3.7-4.0 % pH: 6.8-7.2 Methanol (w/v): 1 - 1.5 %

HAZARD PICTOGRAMS

STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS08 GHS07
H PHRASES:	H350 H317 H341 H302
P PHRASES:	P201 P202 P261 P272 P280 P281 P302+P352 P308+P313 P321 P333+P313 P363 P405 P501
MASTER NAME:	Histofix ® Preservative ready to use
CS:	3822 90 00 00

Histofix ® marrow decalcifier for clinical diagnostics

CODE

256284

Packs sizes (1)

	CODE	PACKAGING SIZE
	CODE 256284.0922	PACKAGING SIZE Pack

Technical data

PRODUCT CODE:	256284
PRODUCT NAME:	Histofix ® marrow decalcifier for clinical diagnostics
QUALITY NAME:	for clinical diagnostics
HEADLINE COMMENT:	(® Registered trade-mark of Panreac Química S.L.U.)
SPECIFICATIONS:	Comprised of: 3x100 ml Solution A fixative 3x100 ml Solution B decalcifier
HAZARD PICTOGRAMS	
UN:	2922
CLASS/PG:	8(6.1)/II

ADR:	8(6.1)/II
IMDG:	8(6.1)/II
IATA:	8(6.1)/II
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS06 GHS08
H PHRASES:	H331 H311 H301 H373 H412
P PHRASES:	P260 P261 P264 P270 P271 P501 P273 P280 P301+P310 P302+P352 P304+P340 P311 P312 P314 P321 P322 P330 P361 P363 P403+P233 P405

MASTER NAME:	Histofix ® marrow decalcifier
CS:	3822 90 00 00

Histofix ® decalcifier 3 for clinical diagnostics

CODE

256237

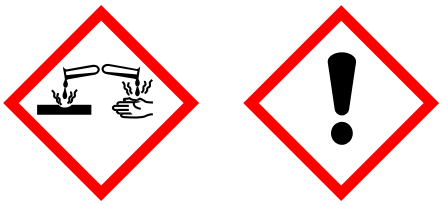
Packs sizes (1)

	CODE	PACKAGING SIZE
	CODE 256237.1211	PACKAGING SIZE 1000 ml

Technical data

DENSITY:	1.046 kg/l
PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	256237
PRODUCT NAME:	Histofix ® decalcifier 3 for clinical diagnostics
QUALITY NAME:	for clinical diagnostics
HEADLINE COMMENT:	(® Registered trade-mark of Panreac Química S.L.U.) fast decalcifier for fixed tissues
SPECIFICATIONS:	Suitability: as decalcifier: passes test

HAZARD PICTOGRAMS



UN:	1789
CLASS/PG:	8/II
ADR:	8/II
IMDG:	8/II
IATA:	8/II
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS07 GHS05
H PHRASES:	H290 H314 H318 H335
P PHRASES:	P280 P305+P351+P338 P303+P361+P353 P310 P321 P405 P501

MASTER NAME:	Histofix ® decalcifier 3
CS:	3822 90 00 00

Isobutanol (Reag. USP, Ph. Eur.) for analysis, ACS

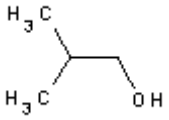
2-Methyl-1-Propanol, iso-Butanol, Isobutyl Alcohol, iso-Butyl Alcohol

Minimum assay (G.C.): 99.0%

CODE	**131089**
CAS	**78-83-1**
MOLECULAR FORMULA	**$(CH_3)_2CHCH_2OH$**
MOLAR MASS	**74.12 g/mol**

Packs sizes (2)

	CODE	PACKAGING SIZE	
	CODE 131089.1611	PACKAGING SIZE 1000 ml	
	CODE 131089.0716	PACKAGING SIZE 25 l	Product discontinued. Alternative 141089.0716 (please check specifications).



Technical data

MELTING POINT:	-108 °C
BOILING POINT:	108 °C
DENSITY:	0.802 kg/l
SOLUBILITY:	water 95 g/l at 20 °C
REFRACTIVE INDEX:	20/D 1.3955
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	131089
PRODUCT NAME:	Isobutanol (Reag. USP, Ph. Eur.) for analysis, ACS
QUALITY NAME:	for analysis, ACS
SPECIFICATIONS:	Minimum assay (G.C.): 99.0% Identity: IR passes test Density 20/4: 0.801-0.802 Range of Distillation (>96% dist.): 107-109°C Refractive Index n 15/D: 1.397-1.399 Maximum limit of impurities APHA colour: 10 Acidity: 0.0005 meq/g Alkalinity: 0.0005 meq/g Insoluble matter in H2O: passes test Non-volatile matter: 0.001 % Darkened substances by H2SO4: passes test Peroxides (as H2O2): 0.001% Butanal (G.C.): 0.01% Butanone (G.C.): 0.02% Isobutanal (G.C.): 0.05% Water (H2O): 0.1 % Metals by ICP [in mg/Kg (ppm)] Ag: 0.05 Al: 0.5 As: 0.05 Au: 0.05 B: 0.02

	Ba: 0.1 Be: 0.02 Bi: 0.05 Ca: 0.5 Cd: 0.05 Co: 0.02 Cr: 0.02 Cu: 0.02 Fe: 0.1 Ga: 0.02 Ge: 0.05 Hg: 0.05 In: 0.05 K: 0.1 Li: 0.05 Mg: 0.1 Mn: 0.02 Mo: 0.02 Na: 0.5 Ni: 0.02 P: 0.2 Pb: 0.1 Pt: 0.02 S: 0.2 Sb: 0.02 Si: 0.2 Sn: 0.5 Sr: 0.2 Ti: 0.02 Tl: 0.02 V: 0.02 Zn: 0.1 Zr: 0.02
HAZARD PICTOGRAMS	
UN:	1212
CLASS/PG:	3/III
ADR:	3/III

IMDG:	3/III
IATA:	3/III
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07 GHS05
H PHRASES:	H226 H335 H315 H318 H336
P PHRASES:	P210 P233 P240 P241 P242 P243 P261 P264 P271 P280 P302+P352 P303+P361+P353 P304+P340 P305+P351+P338 P310 P312 P321 P332+P313 P362 P370+P378 P403+P233 P403+P235 P405 P501

MASTER NAME:	Isobutanol
SYNONYMS LONG TEXT:	2-Methyl-1-Propanol, iso-Butanol, Isobutyl Alcohol, iso-Butyl Alcohol
EINECS:	201-148-0
CS:	2905 14 90 00
INDEX NR.:	603-108-00-1

Isobutanol pure

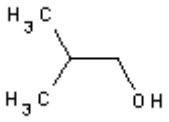
2-Methyl-1-Propanol, iso-Butanol, Isobutyl Alcohol, iso-Butyl Alcohol

Assay (G.C.): 99%

CODE	**141089**
CAS	**78-83-1**
MOLECULAR FORMULA	**$(CH_3)_2CHCH_2OH$**
MOLAR MASS	**74.12 g/mol**

Packs sizes (1)

CODE	PACKAGING SIZE
CODE 141089.0716	PACKAGING SIZE 25 l



Technical data

MELTING POINT:	-108 °C
BOILING POINT:	108 °C
DENSITY:	0.802 kg/l
SOLUBILITY:	water 95 g/l at 20 °C
REFRACTIVE INDEX:	20/D 1.3955

PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	141089
PRODUCT NAME:	Isobutanol pure
QUALITY NAME:	pure
SPECIFICATIONS:	Assay (G.C.): 99% Identity: IR passes test Density 20/4: 0.801-0.802 Acidity: 0.002 meq/g Non-volatile matter: 0.001 % Isobutanal (G.C.): 0.05% Water (H2O): 0.1% Cu: 0.00002 % Fe: 0.00005 % Ni: 0.00002 % Pb: 0.00002 %
HAZARD PICTOGRAMS	
UN:	1212
CLASS/PG:	3/III
ADR:	3/III
IMDG:	3/III
IATA:	3/III
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07 GHS05

H PHRASES:	H226 H335 H315 H318 H336
P PHRASES:	P210 P233 P240 P241 P242 P243 P261 P264 P271 P280 P302+P352 P303+P361+P353 P304+P340 P305+P351+P338 P310 P312 P321 P332+P313 P362 P370+P378 P403+P233 P403+P235 P405 P501

MASTER NAME:	Isobutanol
SYNONYMS LONG TEXT:	2-Methyl-1-Propanol, iso-Butanol, Isobutyl Alcohol, iso-Butyl Alcohol
EINECS:	201-148-0
CS:	2905 14 90 00
INDEX NR.:	603-108-00-1

Isoamyl Alcohol (Reag. USP, Ph. Eur.) for analysis, ACS

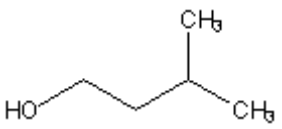
iso-Amyl Alcohol, Isobutylcarbinol, iso-Butylcarbinol, Isopentyl Alcohol, iso-Pentyl Alcohol, 3-Methyl-1-Butanol

Minimum assay (as C5H12O) (G.C.): 99 %

CODE	**131079**
CAS	**123-51-3**
MOLECULAR FORMULA	**$C_5H_{11}OH$**
MOLAR MASS	**88.15 g/mol**

Packs sizes (1)

	CODE	PACKAGING SIZE	
	CODE 131079.1611	PACKAGING SIZE 1000 ml	Product active until stock lasts.



Technical data

MELTING POINT:	-117.2 °C
BOILING POINT:	131 °C
DENSITY:	0.810 kg/l

SOLUBILITY:	water 25 g/l at 20 °C
REFRACTIVE INDEX:	20/D 1.4053
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	131079
PRODUCT NAME:	Isoamyl Alcohol (Reag. USP, Ph. Eur.) for analysis, ACS
QUALITY NAME:	for analysis, ACS
SPECIFICATIONS:	Minimum assay (as C5H12O) (G.C.): 99 % Identity: IR passes test Density 20/4: 0.809-0.812 Maximum limit of impurities Acidity: 0.002 meq/g Non-volatile matter: 0.003 % Carbonyl compounds (as HCHO): 0.05 % 1-Pentanol (G.C.): 0.5% Acids and esters (as Pentyl acetate): 0.2% Water (H2O): 0.15 % Metals by ICP [in mg/Kg (ppm)] Ag: 0.05 Al: 0.5 As: 0.05 Au: 0.05 B: 0.02 Ba: 0.1 Be: 0.02 Bi: 0.05 Ca: 0.5 Cd: 0.05 Co: 0.02 Cr: 0.02 Cu: 0.02 Fe: 0.1 Ga: 0.02 Ge: 0.05 Hg: 0.05 In: 0.05

	K: 0.1 Li: 0.05 Mg: 0.1 Mn: 0.02 Mo: 0.02 Na: 0.5 Ni: 0.02 P: 0.2 Pb: 0.01 Pt: 0.02 S: 0.2 Sb: 0.02 Si: 0.2 Sn: 0.1 Sr: 0.2 Ti: 0.02 Tl: 0.02 V: 0.02 Zn: 0.1 Zr: 0.02
HAZARD PICTOGRAMS	
UN:	1105
CLASS/PG:	3/III
ADR:	3/III
IMDG:	3/III
IATA:	3/III
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS05

	GHS07
H PHRASES:	H226 H332 H335 H315 H318
P PHRASES:	P210 P233 P240 P241 P242 P501 P243 P261 P271 P280 P303+P361+P353 P304+P340 P312 P370+P378 P403+P233 P403+P235 P405 P264 P305+P351+P338 P337+P313 P302+P352 P332+P313 P362

MASTER NAME:	Isoamyl Alcohol
SYNONYMS LONG TEXT:	iso-Amyl Alcohol, Isobutylcarbinol, iso-Butylcarbinol, Isopentyl Alcohol, iso-Pentyl Alcohol, 3-Methyl-1-Butanol
EINECS:	204-633-5
CS:	29051900
INDEX NR.:	603-006-00-7

Isoamyl Alcohol according to Gerber for analysis

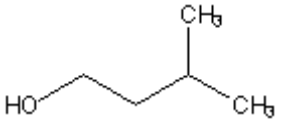
iso-Amyl Alcohol, Isobutylcarbinol, iso-Butylcarbinol, Isopentyl Alcohol, iso-Pentyl Alcohol, 3-Methyl-1-Butanol

Assay (as C5H12O) (G.C.): 98.5%

CODE	**121079**
CAS	**123-51-3**
MOLECULAR FORMULA	**$C_5H_{11}OH$**
MOLAR MASS	**88.15 g/mol**

Packs sizes (3)

	CODE	PACKAGING SIZE
	CODE 121079.1211	PACKAGING SIZE 1000 ml
	CODE 121079.1212	PACKAGING SIZE 2.5 l
	CODE 121079.0716	PACKAGING SIZE 25 l



Technical data

MELTING POINT:	-117.2 °C
BOILING POINT:	131 °C
DENSITY:	0.810 kg/l
SOLUBILITY:	water 25 g/l at 20 °C
REFRACTIVE INDEX:	20/D 1.4053
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	121079
PRODUCT NAME:	Isoamyl Alcohol according to Gerber for analysis
QUALITY NAME:	for analysis
HEADLINE COMMENT:	for determination of fat in milk
SPECIFICATIONS:	Assay (as C5H12O) (G.C.): 98.5% Suitability: for fats determ. acc. to Gerber: passes test Maximum limit of impurities Organic impurities: passes test Water (H2O): 0.3 %

HAZARD PICTOGRAMS

UN:	1105
CLASS/PG:	3/III
ADR:	3/III

IMDG:	3/III
IATA:	3/III
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS05 GHS07
H PHRASES:	H226 H332 H335 H315 H318
P PHRASES:	P210 P233 P240 P241 P242 P501 P243 P261 P271 P280 P303+P361+P353 P304+P340 P312 P370+P378 P403+P233 P403+P235 P405 P264 P305+P351+P338 P337+P313 P302+P352 P332+P313 P362

MASTER NAME:	Isoamyl Alcohol
SYNONYMS LONG TEXT:	iso-Amyl Alcohol, Isobutylcarbinol, iso-Butylcarbinol, Isopentyl Alcohol, iso-Pentyl Alcohol, 3-Methyl-1-Butanol
EINECS:	204-633-5
CS:	29051900
INDEX NR.:	603-006-00-7

Isoamyl Acetate for analysis

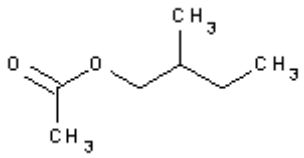
3-Methyl-1-Butyl Acetate, Acetic Acid iso-Amyl Ester, iso-Amyl Acetate, Isopentyl Acetate, iso-Pentyl Acetate

Minimum assay (G.C.): 99.0%

CODE	**121372**
CAS	**123-92-2**
MOLECULAR FORMULA	**$CH_3COOC_5H_{11}$**
MOLAR MASS	**130.19 g/mol**

Packs sizes (1)

	CODE	PACKAGING SIZE	
	CODE 121372.0716	PACKAGING SIZE 25 l	Product discontinued. Please check CAS-No. for alternative or contact our Customer Service.



Technical data

MELTING POINT:	-78.5 °C
BOILING POINT:	142 °C
DENSITY:	0.871 kg/l

SOLUBILITY:	water 2.5 g/l at 20 °C
REFRACTIVE INDEX:	20/D 1.4003
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	121372
PRODUCT NAME:	Isoamyl Acetate for analysis
QUALITY NAME:	for analysis
SPECIFICATIONS:	Minimum assay (G.C.): 99.0% Identity: IR passes test Density 20/4: 0.870-0.873 **Maximum limit of impurities** Acidity (as CH3COOH): 0.01% Non-volatile matter: 0.005 % 1-Pentyl Acetate (G.C.): 0.5% 3-Methyl-1-Butanol (G.C.): 0.3% Di-Isoamyl Ether (G.C.): 0.2% Water (H2O): 0.1 % Ca: 0.00005 % Cd: 0.000005 % Co: 0.000002 % Cr: 0.000002 % Cu: 0.000002 % Fe: 0.00001 % Mg: 0.00001 % Mn: 0.000002 % Ni: 0.000002 % Pb: 0.00001 % Zn: 0.00001 %

HAZARD PICTOGRAMS	
UN:	1104

CLASS/PG:	3/III
ADR:	3/III
IMDG:	3/III
IATA:	3/III
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Warning
GHS SYMBOLS:	GHS02
H PHRASES:	H226
P PHRASES:	P210 P233 P240 P241 P242 P501 P243 P280 P303+P361+P353 P370+P378 P403+P235

MASTER NAME:	Isoamyl Acetate
SYNONYMS LONG TEXT:	3-Methyl-1-Butyl Acetate, Acetic Acid iso-Amyl Ester, iso-Amyl Acetate, Isopentyl Acetate, iso-Pentyl Acetate
EINECS:	204-662-3
CS:	2915 39 00 90
INDEX NR.:	607-130-00-2

Isoparaffin G for analysis

CODE **125273**

CAS **90622-57-4**

Packs sizes (2)

	CODE	PACKAGING SIZE
	CODE 125273.1612	PACKAGING SIZE 2.5 l
	CODE 125273.1214	PACKAGING SIZE 5 l

Technical data

MELTING POINT:	- 50 °C
BOILING POINT:	158 - 176 °C
DENSITY:	0.751 kg/l
SOLUBILITY:	Insoluble in water
REFRACTIVE INDEX:	20/D 1.418
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	125273
PRODUCT NAME:	Isoparaffin G for analysis
QUALITY NAME:	for analysis

SPECIFICATIONS:

Identity: IR passes test

Maximum limit of impurities
Non-volatile matter: 0.005 %
Sulfur compounds (as S): 0.001 %
Aromatic compounds (UV) (as C6H6): 0.05%
Water (H2O): 0.05 %

Metals by ICP [in mg/Kg (ppm)]
Ag: 0.05
Al: 0.5
As: 0.05
Au: 0.05
B: 0.02
Ba: 0.1
Be: 0.02
Bi: 0.05
Ca: 0.5
Cd: 0.05
Co: 0.02
Cr: 0.02
Cu: 0.02
Fe: 0.1
Ga: 0.02
Ge: 0.05
Hg: 0.1
In: 0.05
K: 0.1
Li: 0.05
Mg: 0.1
Mn: 0.02
Mo: 0.02
Na: 0.5
Ni: 0.02
P: 0.2
Pb: 0.1
Pt: 0.02
S: 0.2
Sb: 0.02
Si: 0.2
Sn: 0.1
Sr: 0.2
Ti: 0.02
Tl: 0.02

	V: 0.02 Zn: 0.1 Zr: 0.02 Microfiltered product (0.2 µm)
HAZARD PICTOGRAMS	
UN:	3295
CLASS/PG:	3/III
ADR:	3/III
IMDG:	3/III
IATA:	3/III
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS08
H PHRASES:	H226 H304
P PHRASES:	P210 P233 P240 P241 P242 P501 P243 P280 P301+P310 P303+P361+P353 P331 P370+P378 P403+P235 P405

MASTER NAME:	Isoparaffin G
EINECS:	292-459-0
CS:	2710 19 85 00

Isooctane for UV, IR, HPLC, ACS

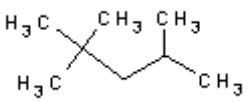
2,2,4-Trimethylpentane, iso-Butyltrimethylmethane, iso-Octane

Minimum assay (G.C.): 99.5%

CODE	**362064**
CAS	**540-84-1**
MOLECULAR FORMULA	**C_8H_{18}**
MOLAR MASS	**114.23 g/mol**

Packs sizes (3)

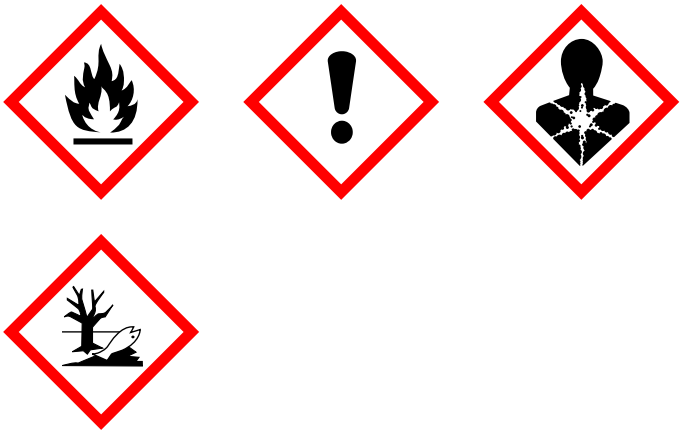
	CODE	PACKAGING SIZE
	CODE 362064.1611	PACKAGING SIZE 1000 ml
	CODE 362064.1612	PACKAGING SIZE 2.5 l
	CODE 362064.16153	PACKAGING SIZE 4 l



Technical data

MELTING POINT:	-107.4 °C
BOILING POINT:	99.3 °C
DENSITY:	0.69 kg/l
REFRACTIVE INDEX:	20/D 1.3916
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	362064
PRODUCT NAME:	Isooctane for UV, IR, HPLC, ACS
QUALITY NAME:	for UV, IR, HPLC, ACS
SPECIFICATIONS:	Minimum assay (G.C.): 99.5% Density 25/4: ≤ 0.690 Maximum limit of impurities APHA colour: 10 Acidity: 0.0002 meq/g Alkalinity: 0.0002 meq/g Non-volatile matter: 0.0003 % Sulfur compounds (as S): 0.005 % Water (H2O): 0.005 % Suitability for IR spectrometry:: passes test Fluorescence at 254 nm (as quinine): 1 ppb Fluorescence at 365 nm (as quinine): 1 ppb UV Spectrum (1cm cell; Ref.: water): Transmittance at 205 (Cut off) nm: ≥10% Transmittance at 210 nm: ≥50% Transmittance at 220 nm: ≥80% Transmittance at 235 nm: ≥90% Transmittance at 245-400 nm: ≥98% Data of interest in HPLC: P' + 0,25 E: 0.1 Rohrschneider Polarity: 0.1 Eluotropic value e° (Al2O3): 0.01 Sol. H2O in solv. at 20°C: 0.011 For critical jobs, purge with nitrogen. Microfiltered product (0.2 µm) and bottled under nitrogen atmosphere.

HAZARD PICTOGRAMS	
UN:	1262
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07 GHS08 GHS09
H PHRASES:	H225 H315 H304 H336 H410
P PHRASES:	P210 P240 P273 P301+P310 P331 P403+P235 P501

MASTER NAME:	Isooctane
SYNONYMS LONG TEXT:	2,2,4-Trimethylpentane, iso-Butyltrimethylmethane, iso-Octane
EINECS:	208-759-1
CS:	2901 10 00 00
INDEX NR.:	601-009-00-8

Isooctane for pesticide analysis

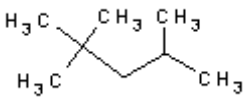
2,2,4-Trimethylpentane, iso-Butyltrimethylmethane, iso-Octane

Minimum assay (G.C.): 99.5%

CODE	**322064**
CAS	**540-84-1**
MOLECULAR FORMULA	**C_8H_{18}**
MOLAR MASS	**114.23 g/mol**

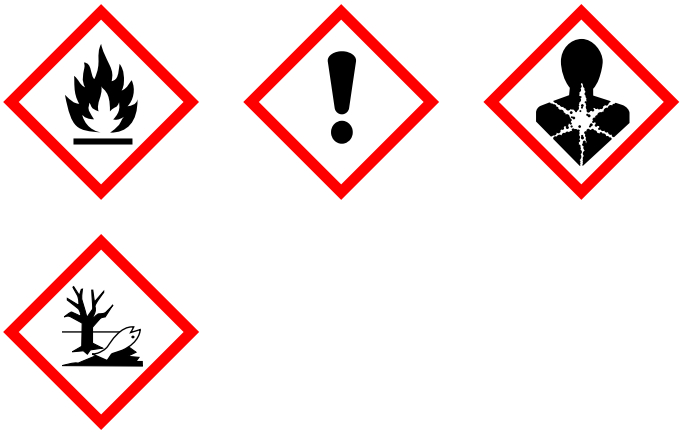
Packs sizes (1)

CODE	PACKAGING SIZE
CODE 322064.1612	PACKAGING SIZE 2.5 l



Technical data

MELTING POINT:	-107.4 °C
BOILING POINT:	99.3 °C
DENSITY:	0.69 kg/l
REFRACTIVE INDEX:	20/D 1.3916

PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	322064
PRODUCT NAME:	Isooctane for pesticide analysis
QUALITY NAME:	for pesticide analysis
SPECIFICATIONS:	Minimum assay (G.C.): 99.5% Identity: IR passes test Density 25/4: ≤ 0.690 **Maximum limit of impurities** APHA colour: 10 Acidity: 0.0003 meq/g Non-volatile matter: 0.0005 % Water (H2O): 0.01 % Signal ECD of pesticide (Lindane a DDT) (as Lindane): 5 ng/l Signal FID of 2-Octanol to Tetradecanol (as 2-Octanol): passes test
HAZARD PICTOGRAMS	
UN:	1262
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	

STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07 GHS08 GHS09
H PHRASES:	H225 H315 H304 H336 H410
P PHRASES:	P210 P240 P273 P301+P310 P331 P403+P235 P501

MASTER NAME:	Isooctane
SYNONYMS LONG TEXT:	2,2,4-Trimethylpentane, iso-Butyltrimethylmethane, iso-Octane
EINECS:	208-759-1
CS:	2901 10 00 00
INDEX NR.:	601-009-00-8

Isooctane, 99% for synthesis

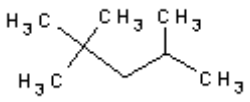
2,2,4-Trimethylpentane, iso-Butyltrimethylmethane, iso-Octane

Minimum assay (G.C.): 99.0 %

CODE	**162064**
CAS	**540-84-1**
MOLECULAR FORMULA	**C_8H_{18}**
MOLAR MASS	**114.23 g/mol**

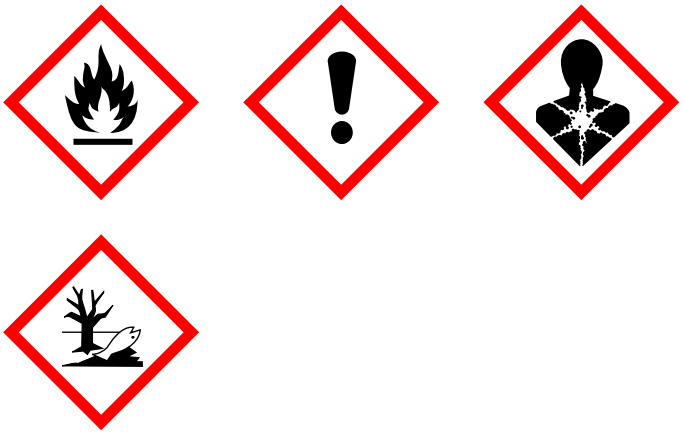
Packs sizes (1)

	CODE	PACKAGING SIZE	
	CODE 162064.0314	PACKAGING SIZE 5 l	Product discontinued. Alternative 132064.0314 (please check specifications).



Technical data

MELTING POINT:	-107.4 °C
BOILING POINT:	99.3 °C
DENSITY:	0.69 kg/l
REFRACTIVE INDEX:	20/D 1.3916

PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	162064
PRODUCT NAME:	Isooctane, 99% for synthesis
QUALITY NAME:	for synthesis
SPECIFICATIONS:	Minimum assay (G.C.): 99.0 % Identity: IR passes test Density 25/4: ≤ 0.690 Non-volatile matter: 0.001 % Water (H2O): 0.02 %
HAZARD PICTOGRAMS	
UN:	1262
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07 GHS08

	GHS09
H PHRASES:	H225 H315 H304 H336 H410
P PHRASES:	P210 P240 P273 P301+P310 P331 P403+P235 P501

MASTER NAME:	Isooctane
SYNONYMS LONG TEXT:	2,2,4-Trimethylpentane, iso-Butyltrimethylmethane, iso-Octane
EINECS:	208-759-1
CS:	2901 10 00 00
INDEX NR.:	601-009-00-8

Isooctane (Reag. USP, Ph. Eur.) for analysis, ACS

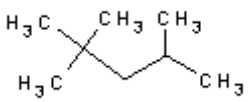
2,2,4-Trimethylpentane, iso-Butyltrimethylmethane, iso-Octane

Minimum assay (G.C.): 99.0%

CODE	**132064**
CAS	**540-84-1**
MOLECULAR FORMULA	**C_8H_{18}**
MOLAR MASS	**114.23 g/mol**

Packs sizes (3)

	CODE	PACKAGING SIZE
	CODE 132064.1611	PACKAGING SIZE 1000 ml
	CODE 132064.1612	PACKAGING SIZE 2.5 l
	CODE 132064.0314	PACKAGING SIZE 5 l



Technical data

MELTING POINT:	-107.4 °C
BOILING POINT:	99.3 °C
DENSITY:	0.69 kg/l
REFRACTIVE INDEX:	20/D 1.3916
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	132064
PRODUCT NAME:	Isooctane (Reag. USP, Ph. Eur.) for analysis, ACS
QUALITY NAME:	for analysis, ACS
SPECIFICATIONS:	Minimum assay (G.C.): 99.0% Identity: IR passes test Density 20/20: 0.691-0.696 Range of Distillation (>95% dist.): 98-100°C Refractive Index n 20/D: 1.391-1.393 Maximum limit of impurities APHA colour: 10 Acidity: 0.0003 meq/g Non-volatile matter: 0.001 % Sulfur compounds (as S): 0.005 % Water (H2O): 0.01 % Metals by ICP [in mg/Kg (ppm)] Ag: 0.05 Al: 0.5 As: 0.05 Au: 0.05 B: 0.02 Ba: 0.1 Be: 0.02 Bi: 0.05 Ca: 0.5 Cd: 0.05

Co: 0.02
Cr: 0.02
Cu: 0.02
Fe: 0.1
Ga: 0.02
Ge: 0.05
Hg: 0.05
In: 0.05
K: 0.1
Li: 0.05
Mg: 0.1
Mn: 0.02
Mo: 0.02
Na: 0.5
Ni: 0.02
P: 0.2
Pb: 0.1
Pt: 0.02
Sb: 0.02
Si: 0.2
Sn: 0.1
Sr: 0.2
Ti: 0.02
Tl: 0.02
V: 0.02
Zn: 0.1
Zr: 0.02

HAZARD PICTOGRAMS

UN: 1262

CLASS/PG: 3/II

ADR: 3/II

IMDG:	3/II
IATA:	3/II
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07 GHS08 GHS09
H PHRASES:	H225 H315 H304 H336 H410
P PHRASES:	P210 P240 P273 P301+P310 P331 P403+P235 P501

MASTER NAME:	Isooctane
SYNONYMS LONG TEXT:	2,2,4-Trimethylpentane, iso-Butyltrimethylmethane, iso-Octane
EINECS:	208-759-1
CS:	2901 10 00 00
INDEX NR.:	601-009-00-8

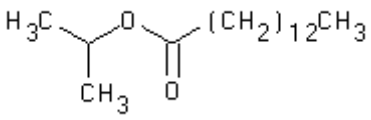
Isopropyl Myristate (Ph. Eur.) pure, pharma grade

Assay (GC): min. 90.0 %

CODE	**143712**
CAS	**110-27-0**
MOLECULAR FORMULA	**$C_{17}H_{34}O_2$**
MOLAR MASS	**270.46 g/mol**

Packs sizes (1)

CODE	PACKAGING SIZE
CODE 143712.1212	PACKAGING SIZE 2.5 L



Technical data

SOLUBILITY:	0.05 mg/L (H_2O)
PHYSICAL DESCRIPTION:	Liquid
PRODUCT CODE:	143712

PRODUCT NAME:	Isopropyl Myristate (Ph. Eur.) pure, pharma grade
SPECIFICATIONS:	Assay (GC): min. 90.0 % Iodine value: max. 1.0 Acid value: max. 1.0 Identity: passes test Appearance of solution: passes test Refractive index: 1.434 - 1.437 Viscosity: 5 - 6 mPas Saponification value: 202 -212 Ash: max. 0.1 % Water (K.F.): max. 0.1 %
WGK:	awg
STORAGE:	RT
EINECS:	203-751-4
CS:	29159070

Isopropyl Myristate, 98% for synthesis

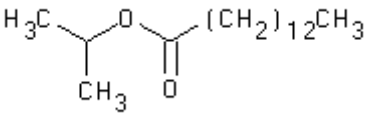
Isopropyl Tetradecanoate, Myristic Acid Isopropyl Ester

Minimum assay (G.C.): 98%

CODE	**163712**
CAS	**110-27-0**
MOLECULAR FORMULA	**$C_{17}H_{34}O_2$**
MOLAR MASS	**270.46 g/mol**

Packs sizes (1)

	CODE	PACKAGING SIZE	
	CODE 163712.1611	PACKAGING SIZE 1000 ml	Product discontinued. Alternative 143712.1212 (please check specifications).



Technical data

MELTING POINT:	0 °C
BOILING POINT:	140 °C 3 hPa
DENSITY:	0.853 kg/l
SOLUBILITY:	Insoluble in water

REFRACTIVE INDEX:	20/D 1.434
PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	163712
PRODUCT NAME:	Isopropyl Myristate, 98% for synthesis
QUALITY NAME:	for synthesis
SPECIFICATIONS:	Minimum assay (G.C.): 98% Density 20/4: 0.852-0.854
WGK:	nwg
STORAGE:	Room Temperature.
MASTER NAME:	Isopropyl Myristate
SYNONYMS LONG TEXT:	Isopropyl Tetradecanoate, Myristic Acid Isopropyl Ester
EINECS:	203-751-4
CS:	2915 90 70 90

Isopentane pure

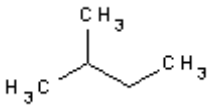
2-Methylbutane, Isopentane

Assay (G.C.): 98%

CODE	**143501**
CAS	**78-78-4**
MOLECULAR FORMULA	**C_5H_{12}**
MOLAR MASS	**72.15 g/mol**

Packs sizes (1)

CODE	PACKAGING SIZE
CODE 143501.1611	PACKAGING SIZE 1000 ml



Technical data

MELTING POINT:	-159.9 °C
BOILING POINT:	27.8 °C
DENSITY:	0.620 kg/l
SOLUBILITY:	water 0.36 g/l at 20 °C

REFRACTIVE INDEX:	20/D 1.3537
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	143501
PRODUCT NAME:	Isopentane pure
QUALITY NAME:	pure
SPECIFICATIONS:	Assay (G.C.): 98% Identity: IR passes test Density 20/4: 0.618-0.622 Acidity: 0.001 meq/g Non-volatile matter: 0.005 % Sulfur compounds (as S): 0.005 % n-Pentane (G.C.): 1% Water (H2O): 0.02 % Cu: 0.00002 % Fe: 0.00005 % Ni: 0.00002 % Pb: 0.00002 %

HAZARD PICTOGRAMS

UN:	1265
CLASS/PG:	3/I
ADR:	3/I
IMDG:	3/I
IATA:	3/I

WGK:	2
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS08 GHS07 GHS09
H PHRASES:	H224 H304 EUH066 H336 H411
P PHRASES:	P210 P233 P240 P241 P242 P243 P261 P271 P273 P280 P301+P310 P303+P361+P353 P304+P340 P312 P331 P370+P378 P391 P403+P233 P403+P235 P405 P501

MASTER NAME:	Isopentane
SYNONYMS LONG TEXT:	2-Methylbutane, Isopentane
EINECS:	201-142-8

CS:	2901 10 00 00
INDEX NR.:	601-006-00-1

Isopentane for analysis

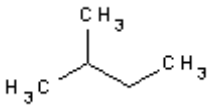
2-Methylbutane, Isopentane

Minimum assay (G.C.): 99.5%

CODE	**123501**
CAS	**78-78-4**
MOLECULAR FORMULA	**C_5H_{12}**
MOLAR MASS	**72.15 g/mol**

Packs sizes (1)

CODE	PACKAGING SIZE
CODE 123501.1611	PACKAGING SIZE 1000 ml



Technical data

MELTING POINT:	-159.9 °C
BOILING POINT:	27.8 °C
DENSITY:	0.620 kg/l
SOLUBILITY:	water 0.36 g/l at 20 °C

REFRACTIVE INDEX:	20/D 1.3537
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	123501
PRODUCT NAME:	Isopentane for analysis
QUALITY NAME:	for analysis
SPECIFICATIONS:	Minimum assay (G.C.): 99.5% Identity: IR passes test Density 20/4: 0.618-0.622 Maximum limit of impurities APHA colour: 10 Acidity: 0.0005 meq/g Non-volatile matter: 0.001 % Darkened substances by H2SO4: passes test Sulfur compounds (as S): 0.002 % n-Pentane (G.C.): 0.5% Thiophene: passes test Water (H2O): 0.01 % Metals by ICP [in mg/Kg (ppm)] Ag: 0.05 Al: 0.5 As: 0.05 Au: 0.05 B: 0.02 Ba: 0.1 Be: 0.02 Bi: 0.05 Ca: 0.5 Cd: 0.05 Co: 0.02 Cr: 0.02 Cu: 0.02 Fe: 0.1 Ga: 0.02 Ge: 0.05 Hg: 0.05 In: 0.05 K: 0.1

Li: 0.05
Mg: 0.1
Mn: 0.02
Mo: 0.02
Na: 0.5
Ni: 0.02
P: 0.2
Pb: 0.1
Pt: 0.02
Sb: 0.02
Si: 0.2
Sn: 0.1
Sr: 0.2
Ti: 0.02
Tl: 0.02
V: 0.02
Zn: 0.1
Zr: 0.02

HAZARD PICTOGRAMS	
UN:	1265
CLASS/PG:	3/I
ADR:	3/I
IMDG:	3/I
IATA:	3/I
WGK:	2
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger

GHS SYMBOLS:	GHS02 GHS08 GHS07 GHS09
H PHRASES:	H224 H304 EUH066 H336 H411
P PHRASES:	P210 P233 P240 P241 P242 P243 P261 P271 P273 P280 P301+P310 P303+P361+P353 P304+P340 P312 P331 P370+P378 P391 P403+P233 P403+P235 P405 P501

MASTER NAME:	Isopentane
SYNONYMS LONG TEXT:	2-Methylbutane, Isopentane
EINECS:	201-142-8
CS:	2901 10 00 00
INDEX NR.:	601-006-00-1

Isoparaffin H (Substitute of Xylene)(CE-IVD) for clinical diagnostics

CODE **255069**

CAS **90622-58-5**

Packs sizes (2)

	CODE	PACKAGING SIZE
	CODE 255069.2711	PACKAGING SIZE 1000 ml
	CODE 255069.2714	PACKAGING SIZE 5 l

Technical data

MELTING POINT:	< - 50 °C
BOILING POINT:	173 - 193 °C
DENSITY:	0.765 kg/l
SOLUBILITY:	Insoluble in water
REFRACTIVE INDEX:	20/D 1.425
PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	255069
PRODUCT NAME:	

	Isoparaffin H (Substitute of Xylene)(CE-IVD) for clinical diagnostics
QUALITY NAME:	for clinical diagnostics
HEADLINE COMMENT:	In Vitro Diagnostic medical device class A in compliance to the Regulation (EU) 2017/746.
SPECIFICATIONS:	Identity: IR passes test **Maximum limit of impurities** Non-volatile matter: 0.005 % Sulfur compounds (as S): 0.001 % Aromatic compounds (UV)(as C6H6): 0.05% Water (H2O): 0.05 %

HAZARD PICTOGRAMS	
UN:	3295
CLASS/PG:	3/III
ADR:	3/III
IMDG:	3/III
IATA:	3/III
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS08 GHS02
H PHRASES:	H226 H304 EUH066 H413
P PHRASES:	P301+P310

	P331 P273 P501
MASTER NAME:	Isoparaffin H (Substitute of Xylene)
EINECS:	918-167-1
CS:	2712 20 90 00

Methanol dry (max. 0.005% water) - Karl Fischer's Reagent (Reag. Ph. Eur.) , ACS, ISO

Carbinol, Methyl Alcohol

Minimum assay (G.C.): 99.8%

CODE	**481091**
CAS	**67-56-1**
MOLECULAR FORMULA	**CH_3OH**
MOLAR MASS	**32.04 g/mol**

Packs sizes (2)

	CODE	PACKAGING SIZE
	CODE 481091.1611	PACKAGING SIZE 1000 ml
	CODE 481091.1612	PACKAGING SIZE 2.5 l

Technical data

MELTING POINT:	-97.8 °C
BOILING POINT:	64 - 65 °C
DENSITY:	0.792 kg/l

REFRACTIVE INDEX:	20/D 1.3292
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	481091
PRODUCT NAME:	Methanol dry (max. 0.005% water) - Karl Fischer's Reagent (Reag. Ph. Eur.) , ACS, ISO
QUALITY NAME:	, ACS, ISO
SPECIFICATIONS:	Minimum assay (G.C.): 99.8% Identity: IR passes test Density 20/4: 0.791-0.792 Maximum limit of impurities APHA colour: 10 Acidity: 0.0003 meq/g Alkalinity: 0.0002 meq/g Insoluble matter in H2O: passes test Non-volatile matter: 0.001 % Reducing substance to KMnO4 (as O): 0.00025 % Darkened substances by H2SO4: passes test Carbonyl compounds (as CH3COCH3): 0.005% Acetone (G.C.): 0.001% 2-Propanol (G.C.): 0.01% Acetaldehyde (CH3CHO): 0.001% Ethanol (G.C.): 0.01% Formaldehyde (HCHO): 0.001% Water (H2O): 0.005 % Metals by ICP [in mg/Kg (ppm)] Ag: 0.05 Al: 0.5 As: 0.05 Au: 0.05 B: 0.02 Ba: 0.1 Be: 0.02 Bi: 0.05 Ca: 0.5 Cd: 0.05 Co: 0.02 Cr: 0.02

	Cu: 0.02 Fe: 0.1 Ga: 0.02 Ge: 0.05 Hg: 0.05 In: 0.05 K: 0.1 Li: 0.05 Mn: 0.02 Mo: 0.02 Na: 0.5 Ni: 0.02 P: 0.2 Pb: 0.1 Pt: 0.02 S: 0.2 Sb: 0.02 Si: 0.2 Sn: 0.1 Sr: 0.2 Ti: 0.02 Tl: 0.02 V: 0.02 Zn: 0.1 Zr: 0.02
HAZARD PICTOGRAMS	
UN:	1230
CLASS/PG:	3(6.1)/II
ADR:	3(6.1)/II
IMDG:	3(6.1)/II
IATA:	3(6.1)/II
WGK:	1
STORAGE:	Room Temperature.

SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS06 GHS08
H PHRASES:	H225 H331 H311 H301 H370
P PHRASES:	P280 P210 P233 P309 P310 P302+P352 P501

MASTER NAME:	Methanol
SYNONYMS LONG TEXT:	Carbinol, Methyl Alcohol
EINECS:	200-659-6
CS:	2905 11 00 10
INDEX NR.:	603-001-00-X

Methanol *BioChemica*

Assay (GC): min. 99.8 %

CODE	**A3493**
CAS	**67-56-1**
MOLECULAR FORMULA	**CH_3OH**
MOLAR MASS	**32.04 g/mol**

Packs sizes (2)

	CODE	PACKAGING SIZE	
	CODE A3493,1000PE	PACKAGING SIZE 1 L	Product active until stock lasts.
	CODE A3493,5000	PACKAGING SIZE 5 L	Product active until stock lasts.

Technical data

REFRACTIVE INDEX:	n20/D 1.328
PHYSICAL DESCRIPTION:	Liquid
PRODUCT CODE:	A3493
PRODUCT NAME:	Methanol *BioChemica*
SPECIFICATIONS:	Assay (GC): min. 99.8 % Acidity/Alkalinity: max. 0.0005 meq/g

	Non-volatile matter: max. 0.001 % Heavy metals (as Pb): max. 0.0005 % 2-Propanol: max. 0.005 % Ethanol: max. 0.01 % Water (K.F.): max. 0.05 %
HAZARD PICTOGRAMS	
UN:	1230
CLASS/PG:	3(6.1)/II
ADR:	3(6.1)/II
IMDG:	3(6.1)/II
IATA:	3(6.1)/II
WGK:	2
STORAGE:	RT
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS06 GHS08
H PHRASES:	H225 H301+H311+H331 H370
P PHRASES:	P280 P301+P310 P303+P361+P353 P321 P330 P361+P364 P405 P501

EINECS:	200-659-6
CS:	29051100
INDEX NR.:	603-001-00-X

Methanol, 99.5% for synthesis

Carbinol, Methyl Alcohol

Minimum assay (G.C.): 99.5%

CODE	**161091**
CAS	**67-56-1**
MOLECULAR FORMULA	**CH_3OH**
MOLAR MASS	**32.04 g/mol**

Packs sizes (1)

	CODE	PACKAGING SIZE	
	CODE 161091.0515	PACKAGING SIZE 10 l	Product active until stock lasts.

Technical data

MELTING POINT:	-97.8 °C
BOILING POINT:	64 - 65 °C
DENSITY:	0.792 kg/l
REFRACTIVE INDEX:	20/D 1.3292
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	161091
PRODUCT NAME:	Methanol, 99.5% for synthesis

QUALITY NAME:	for synthesis
SPECIFICATIONS:	Minimum assay (G.C.): 99.5% Identity: IR passes test Density 20/4: 0.791-0.792 Acidity: 0.002 meq/g Alkalinity: 0.001 meq/g Non-volatile matter: 0.002 % Water (H2O): 0.1 %

HAZARD PICTOGRAMS

UN:	1230
CLASS/PG:	3(6.1)/II
ADR:	3(6.1)/II
IMDG:	3(6.1)/II
IATA:	3(6.1)/II
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS06 GHS08
H PHRASES:	H225 H331 H311 H301 H370
P PHRASES:	P280 P210 P233

	P309 P310 P302+P352 P501

MASTER NAME:	Methanol
SYNONYMS LONG TEXT:	Carbinol, Methyl Alcohol
EINECS:	200-659-6
CS:	2905 11 00 10
INDEX NR.:	603-001-00-X

Methanol (USP-NF, BP, Ph. Eur.) pure, pharma grade

Carbinol, Methyl Alcohol

Minimum assay (G.C.): 99.5%

CODE	**141091**
CAS	**67-56-1**
MOLECULAR FORMULA	**CH_3OH**
MOLAR MASS	**32.04 g/mol**

Packs sizes (5)

	CODE	PACKAGING SIZE
	CODE 141091.1211	PACKAGING SIZE 1000 ml
	CODE 141091.1212	PACKAGING SIZE 2.5 l
	CODE 141091.1214	PACKAGING SIZE 5 l
	CODE 141091.0716	PACKAGING SIZE 25 l
	CODE 141091.3619	PACKAGING SIZE 200 l

Technical data

MELTING POINT:	-97.8 °C
BOILING POINT:	64 - 65 °C
DENSITY:	0.792 kg/l
REFRACTIVE INDEX:	20/D 1.3292
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	141091
PRODUCT NAME:	Methanol (USP-NF, BP, Ph. Eur.) pure, pharma grade
QUALITY NAME:	pure, pharma grade
SPECIFICATIONS:	Minimum assay (G.C.): 99.5% Identity according to Pharmacopoeias:: passes test Density 20/20: 0.791-0.793 Refractive Index n 20/D: 1.328-1.330 Maximum limit of impurities ABS λ 230 nm: 0.15 UA ABS λ 250 nm: 0.05 UA ABS λ 270 nm: 0.02 UA ABS λ 290 nm: 0.01 UA Appearance: passes test Acidity (as CH3COOH): 0.003% Alkalinity (as NH3): 0.0003 % Insoluble matter in H2O: passes test Non-volatile matter: 0.001 % Reducing substance to KMnO4 (as O): 0.0005 % Darkened substances by H2SO4: passes test Clarity and colour: passes test Related substances (G.C.) Individual impurity: 0.1 % Total impurities: 0.3 % Residual solvents (Ph.Eur/USP): passes test

	Disregard limit: 0.005 % Acetone (G.C.): 0.002% Acetone and aldehydes (as CH3COCH3): 0.003% Benzene: 0.0002% Ethanol (G.C.): 0.1% Water (H2O): 0.10 %
HAZARD PICTOGRAMS	
UN:	1230
CLASS/PG:	3(6.1)/II
ADR:	3(6.1)/II
IMDG:	3(6.1)/II
IATA:	3(6.1)/II
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS06 GHS08
H PHRASES:	H225 H331 H311 H301 H370
P PHRASES:	P280 P210 P233 P309 P310 P302+P352 P501

MASTER NAME:	Methanol
SYNONYMS LONG TEXT:	Carbinol, Methyl Alcohol
EINECS:	200-659-6
CS:	2905 11 00 10
INDEX NR.:	603-001-00-X

Methanol (Reag. Ph. Eur.) for HPLC gradient / UHPLC supergradient grade, ACS

Carbinol, Methyl Alcohol

Minimum assay (G.C.): 99.9%

CODE	**221091**
CAS	**67-56-1**
MOLECULAR FORMULA	**CH_3OH**
MOLAR MASS	**32.04 g/mol**

Packs sizes (5)

	CODE	PACKAGING SIZE
	221091.1612	2.5 l
	221091.16153	4 l
	221091.0515	10 l
	221091.0537	30 l

CODE	PACKAGING SIZE
221091.0519	200 l

Technical data

MELTING POINT:	-97.8 °C
BOILING POINT:	64 - 65 °C
DENSITY:	0.792 kg/l
REFRACTIVE INDEX:	20/D 1.3292
PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	221091
PRODUCT NAME:	Methanol (Reag. Ph. Eur.) for HPLC gradient / UHPLC supergradient grade, ACS
QUALITY NAME:	for HPLC gradient / UHPLC supergradient grade, ACS
SPECIFICATIONS:	Minimum assay (G.C.): 99.9% Identity: IR passes test Density 20/4: 0.791-0.792 Suitability: for gradient acc. to ACS: passes test Maximum limit of impurities APHA colour: 10 Acidity: 0.0002 meq/g Alkalinity: 0.0002 meq/g Insoluble matter in H2O: passes test Non-volatile matter: 0.0002 % Reducing substance to KMnO4: passes test Darkened substances by H2SO4: passes test Carbonyl compounds (as CH3COCH3): 0.001% Base line drift (235 nm): 15 mUA Water (H2O): 0.03 % Gradient at 235 nm: 2 mUA

	Gradient at 254 nm: 1 mUA Fluorescence at 254 nm (as quinine): 1 ppb Fluorescence at 365 nm (as quinine): 0.5 ppb UV Spectrum (1cm cell; Ref.: water): Transmittance at 205 (Cut off) nm: ≥10% Transmittance at 210 nm: ≥30% Transmittance at 220 nm: ≥60% Transmittance at 230 nm: ≥80% Transmittance at 240 nm: ≥90% Transmittance at 260-400 nm: ≥98% Data of interest in HPLC: Rohrschneider Polarity: 5.1 Eluotropic value e° (Al2O3): 0.95 Sol. H2O in solv. at 20°C: miscible Microfiltered product (0.2 µm) and bottled under nitrogen atmosphere. Conforms to Methanol R1 and R2 according to Reag. Ph. Eur.
HAZARD PICTOGRAMS	
UN:	1230
CLASS/PG:	3(6.1)/II
ADR:	3(6.1)/II
IMDG:	3(6.1)/II
IATA:	3(6.1)/II
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS06 GHS08

H PHRASES:	H225 H331 H311 H301 H370
P PHRASES:	P280 P210 P233 P309 P310 P302+P352 P501

MASTER NAME:	Methanol
SYNONYMS LONG TEXT:	Carbinol, Methyl Alcohol
EINECS:	200-659-6
CS:	2905 11 00 10
INDEX NR.:	603-001-00-X

Methanol/2-Propanol 4:1 v/v pure

CODE

176400

Packs sizes (1)

	CODE	PACKAGING SIZE	
	CODE 176400.1214	PACKAGING SIZE 5 l	Product active until stock lasts.

Technical data

DENSITY:	0.789 kg/l
PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	176400
PRODUCT NAME:	Methanol/2-Propanol 4:1 v/v pure
QUALITY NAME:	pure
SPECIFICATIONS:	COMPOSITION: Methanol: 800 ml 2-Propanol: 200 ml Density 20/4: 0.785 - 0.795
HAZARD PICTOGRAMS	
UN:	1992

CLASS/PG:	3(6.1)/II
ADR:	3(6.1)/II
IMDG:	3(6.1)/II
IATA:	3(6.1)/II
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS06 GHS08
H PHRASES:	H225 H331 H311 H301 H370 H319
P PHRASES:	P210 P233 P240 P241 P242 P501 P243 P260 P261 P264 P270 P271 P280 P301+P310 P302+P352 P303+P361+P353 P304+P340 P307+P311 P311 P312 P321 P322

	P330 P361 P363 P370+P378 P403+P233 P403+P235 P405
MASTER NAME:	Mixture Methanol/2-Propanol 4:1
CS:	3822 00 00 00

Methanol for UV, IR, HPLC, ACS

Carbinol, Methyl Alcohol

Minimum assay (G.C.): 99.9%

CODE	**361091**
CAS	**67-56-1**
MOLECULAR FORMULA	**CH_3OH**
MOLAR MASS	**32.04 g/mol**

Packs sizes (2)

	CODE	PACKAGING SIZE	
	CODE 361091.1612	PACKAGING SIZE 2.5 l	
	CODE 361091.0537	PACKAGING SIZE 30 l	Product discontinued. Please check CAS-No. for alternative or contact our Customer Service.

Technical data

MELTING POINT:	-97.8 °C
BOILING POINT:	64 - 65 °C
DENSITY:	0.792 kg/l
REFRACTIVE INDEX:	20/D 1.3292
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	361091
PRODUCT NAME:	Methanol for UV, IR, HPLC, ACS
QUALITY NAME:	for UV, IR, HPLC, ACS
SPECIFICATIONS:	Minimum assay (G.C.): 99.9% Density 20/4: 0.791-0.792 Maximum limit of impurities APHA colour: 10 Acidity: 0.0002 meq/g Alkalinity: 0.0002 meq/g Insoluble matter in H2O: passes test Non-volatile matter: 0.0005 % Reducing substance to KMnO4: passes test Darkened substances by H2SO4: passes test Carbonyl compounds (as acetone, as formaldehyde and as acetaldehyde): 0.001% Suitability for gradient according to ACS: passes test Water (H2O): 0.03 % Suitability for IR spectrometry:: passes test Fluorescence at 254 nm (as quinine): 1 ppb Fluorescence at 365 nm (as quinine): 1 ppb UV Spectrum (1cm cell; Ref.: water): Transmittance at 205 (Cut off) nm: ≥10% Transmittance at 210 nm: ≥30% Transmittance at 220 nm: ≥55% Transmittance at 230 nm: ≥75% Transmittance at 240 nm: ≥90% Transmittance at 260-400 nm: ≥98% Data of interest in HPLC: Rohrschneider Polarity: 5.1 Eluotropic value e° (Al2O3): 0.95 Sol. H2O in solv. at 20°C: miscible For critical jobs, purge with nitrogen. Microfiltered product (0.2 µm) and bottled under nitrogen atmosphere.

HAZARD PICTOGRAMS	
UN:	1230
CLASS/PG:	3(6.1)/II
ADR:	3(6.1)/II
IMDG:	3(6.1)/II
IATA:	3(6.1)/II
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS06 GHS08
H PHRASES:	H225 H331 H311 H301 H370
P PHRASES:	P280 P210 P233 P309 P310 P302+P352 P501

MASTER NAME:	Methanol
SYNONYMS LONG TEXT:	Carbinol, Methyl Alcohol
EINECS:	200-659-6

CS:	2905 11 00 10
INDEX NR.:	603-001-00-X

Methanol for UHPLC Hypergradient

Carbinol, Methyl Alcohol

Minimum assay (G.C.): 99.9%

CODE	**721091**
CAS	**67-56-1**
MOLECULAR FORMULA	**CH_3OH**
MOLAR MASS	**32.04 g/mol**

Packs sizes (1)

CODE	PACKAGING SIZE
CODE 721091.1612	PACKAGING SIZE 2,5 l

Technical data

MELTING POINT:	-97.8 °C
BOILING POINT:	64 - 65 °C
DENSITY:	0.792 kg/l
REFRACTIVE INDEX:	20/D 1.3292
PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	721091
PRODUCT NAME:	Methanol for UHPLC Hypergradient

QUALITY NAME:	for UHPLC Hypergradient
SPECIFICATIONS:	Minimum assay (G.C.): 99.9% Suitability: for PAH analysis: passes test Maximum limit of impurities APHA colour: 10 Acidity: 0.0002 meq/g Alkalinity: 0.0002 meq/g Non-volatile matter: 0.0001 % Base line drift (235 nm): 15 mUA Water (H2O): 0.02 % Gradient at 220 nm: 5 mUA Gradient at 235 nm: 2 mUA Gradient at 254 nm: 1 mUA UV Spectrum (1cm cell; Ref.: water): Transmittance at 205 (Cut off) nm: ≥10% Transmittance at 210 nm: ≥35% Transmittance at 220 nm: ≥60% Transmittance at 230 nm: ≥80% Transmittance at 260-400 nm: ≥98% Microfiltered product (0.2 µm) and bottled under nitrogen atmosphere.
HAZARD PICTOGRAMS	
UN:	1230
CLASS/PG:	3(6.1)/II
ADR:	3(6.1)/II
IMDG:	3(6.1)/II
IATA:	3(6.1)/II
WGK:	1
STORAGE:	Room Temperature.

SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS06 GHS08
H PHRASES:	H225 H331 H311 H301 H370
P PHRASES:	P280 P210 P233 P309 P310 P302+P352 P501

MASTER NAME:	Methanol
SYNONYMS LONG TEXT:	Carbinol, Methyl Alcohol
EINECS:	200-659-6
CS:	2905 11 00 10
INDEX NR.:	603-001-00-X

Methanol for pesticide analysis

Carbinol, Methyl Alcohol

Minimum assay (G.C.): 99.9%

CODE	**321091**
CAS	**67-56-1**
MOLECULAR FORMULA	**CH_3OH**
MOLAR MASS	**32.04 g/mol**

Packs sizes (1)

	CODE	PACKAGING SIZE	
	CODE 321091.1612	PACKAGING SIZE 2.5 l	Product active until stock lasts.

Technical data

MELTING POINT:	-97.8 °C
BOILING POINT:	64 - 65 °C
DENSITY:	0.792 kg/l
REFRACTIVE INDEX:	20/D 1.3292
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	321091
PRODUCT NAME:	Methanol for pesticide analysis

QUALITY NAME:	for pesticide analysis
SPECIFICATIONS:	Minimum assay (G.C.): 99.9% Identity: IR passes test Density 20/4: 0.791-0.792 Maximum limit of impurities APHA colour: 10 Acidity: 0.0003 meq/g Alkalinity: 0.0002 meq/g Non-volatile matter: 0.0005 % Water (H2O): 0.05 % Signal ECD of pesticide (Lindane a DDT) (as Lindane): 5 ng/l Signal FID of 2-Octanol to Tetradecanol (as 2-Octanol): passes test

HAZARD PICTOGRAMS

UN:	1230
CLASS/PG:	3(6.1)/II
ADR:	3(6.1)/II
IMDG:	3(6.1)/II
IATA:	3(6.1)/II
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS06 GHS08
H PHRASES:	H225 H331

	H311 H301 H370
P PHRASES:	P280 P210 P233 P309 P310 P302+P352 P501

MASTER NAME:	Methanol
SYNONYMS LONG TEXT:	Carbinol, Methyl Alcohol
EINECS:	200-659-6
CS:	2905 11 00 10
INDEX NR.:	603-001-00-X

Methanol for LC-MS

Carbinol, Methyl Alcohol

Minimum assay (G.C.): 99.9%

CODE	**701091**
CAS	**67-56-1**
MOLECULAR FORMULA	**CH_3OH**
MOLAR MASS	**32.04 g/mol**

Packs sizes (2)

	CODE	PACKAGING SIZE
	CODE 701091.1611	PACKAGING SIZE 1000 ml
	CODE 701091.1612	PACKAGING SIZE 2.5 l

Technical data

MELTING POINT:	-97.8 °C
BOILING POINT:	64 - 65 °C
DENSITY:	0.792 kg/l
REFRACTIVE INDEX:	20/D 1.3292
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	701091
PRODUCT NAME:	Methanol for LC-MS
QUALITY NAME:	for LC-MS
SPECIFICATIONS:	Minimum assay (G.C.): 99.9% Identity: IR passes test Density 20/4: 0.791-0.792 Suitability: for LC-MS: passes test

Maximum limit of impurities
APHA colour: 10
Acidity: 0.0002 meq/g
Alkalinity: 0.0002 meq/g
Non-volatile matter: 0.0002 %
Base line drift (235 nm): 15 mUA
Water (H2O): 0.02 %
Gradient at 235 nm: 2 mUA
Gradient at 254 nm: 1 mUA
Fluorescence at 254 nm (as quinine): 1 ppb
Fluorescence at 365 nm (as quinine): 0.5 ppb
UV Spectrum (1cm cell; Ref.: water):
Transmittance at 205 (Cut off) nm: ≥10%
Transmittance at 210 nm: ≥30%
Transmittance at 220 nm: ≥60%
Transmittance at 230 nm: ≥80%
Transmittance at 240 nm: ≥90%
Transmittance at 260-400 nm: ≥98%

Metals [in mg/Kg (ppm)]
Ag: 0.05
Al: 0.5
Ba: 0.1
Ca: 0.1
Cd: 0.05
Co: 0.02
Cr: 0.02
Cu: 0.01
Fe: 0.1
K: 0.1
Mg: 0.1
Mn: 0.01
Na: 0.1

	Ni: 0.02 Pb: 0.02 Sn: 0.1 Zn: 0.1 Microfiltered product (0.2 µm) and bottled under nitrogen atmosphere.
HAZARD PICTOGRAMS	
UN:	1230
CLASS/PG:	3(6.1)/II
ADR:	3(6.1)/II
IMDG:	3(6.1)/II
IATA:	3(6.1)/II
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS06 GHS08
H PHRASES:	H225 H331 H311 H301 H370
P PHRASES:	P280 P210 P233 P309 P310 P302+P352 P501

MASTER NAME:	Methanol
SYNONYMS LONG TEXT:	Carbinol, Methyl Alcohol
EINECS:	200-659-6
CS:	2905 11 00 10
INDEX NR.:	603-001-00-X

n-Heptane for UV, IR, HPLC

Minimum assay (G.C.): 99.0%

CODE	**362062**
CAS	**142-82-5**
MOLECULAR FORMULA	**C_7H_{16}**
MOLAR MASS	**100.21 g/mol**

Packs sizes (1)

CODE	PACKAGING SIZE
CODE 362062.1612	PACKAGING SIZE 2.5 l

Technical data

MELTING POINT:	-90.6 °C
BOILING POINT:	98.4 °C
DENSITY:	0.684 kg/l
REFRACTIVE INDEX:	20/D 1.3878
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	362062
PRODUCT NAME:	n-Heptane for UV, IR, HPLC
QUALITY NAME:	for UV, IR, HPLC
SPECIFICATIONS:	Minimum assay (G.C.): 99.0% Density 20/4: 0.683-0.685

Maximum limit of impurities
APHA colour: 10
Acidity: 0.0002 meq/g
Alkalinity: 0.0002 meq/g
Non-volatile matter: 0.0003 %
Water (H2O): 0.005 %
Suitability for IR spectrometry:: passes test
Fluorescence at 254 nm (as quinine): 1 ppb
Fluorescence at 365 nm (as quinine): 1 ppb
UV Spectrum (1cm cell; Ref.: water):
Transmittance at 200 (Cut off) nm: ≥20%
Transmittance at 210 nm: ≥50%
Transmittance at 220 nm: ≥80%
Transmittance at 230 nm: ≥92%
Transmittance at 245-400 nm: ≥98%
Data of interest in HPLC:
P' + 0,25 E: 0.5
Rohrschneider Polarity: 0.2
Eluotropic value e° (Al2O3): 0.01
Sol. H2O in solv. at 20°C: 0.01
For critical jobs, purge with nitrogen.
Microfiltered product (0.2 µm) and bottled under nitrogen atmosphere.

HAZARD PICTOGRAMS

UN:	1206
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	2
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07 GHS08 GHS09
H PHRASES:	H225 H315 H304 H336 H410
P PHRASES:	P210 P240 P273 P301+P310 P331 P501 P403+P235

MASTER NAME:	n-Heptane
EINECS:	205-563-8
CS:	2901 10 00 00
INDEX NR.:	601-008-00-2

n-Heptane for pesticide analysis

Minimum assay (G.C.): 98 %

CODE	**322062**
CAS	**142-82-5**
MOLECULAR FORMULA	**C_7H_{16}**
MOLAR MASS	**100.21 g/mol**

Packs sizes (1)

CODE	PACKAGING SIZE
CODE 322062.1612	PACKAGING SIZE 2.5 l

Technical data

MELTING POINT:	-90.6 °C
BOILING POINT:	98.4 °C
DENSITY:	0.684 kg/l
REFRACTIVE INDEX:	20/D 1.3878
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	322062
PRODUCT NAME:	n-Heptane for pesticide analysis
QUALITY NAME:	for pesticide analysis
SPECIFICATIONS:	Minimum assay (G.C.): 98 % Identity: IR passes test Density 20/4: 0.683 - 0.685 **Maximum limit of impurities** Acidity: 0.0005 meq/g Alkalinity: 0.0005 meq/g Non-volatile matter: 0.0005 % Water (H2O): 0.01 % Signal ECD of pesticide (Lindane a DDT) (as Lindane): 5 ng/l
HAZARD PICTOGRAMS	
UN:	1206
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	2
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger

GHS SYMBOLS:	GHS02 GHS07 GHS08 GHS09
H PHRASES:	H225 H315 H304 H336 H410
P PHRASES:	P210 P240 P273 P301+P310 P331 P501 P403+P235

MASTER NAME:	n-Heptane
EINECS:	205-563-8
CS:	2901 10 00 00
INDEX NR.:	601-008-00-2

n-Heptane, 99% for synthesis

Minimum assay (G.C.): 99%

CODE	**162062**
CAS	**142-82-5**
MOLECULAR FORMULA	**C_7H_{16}**
MOLAR MASS	**100.21 g/mol**

Packs sizes (4)

	CODE	PACKAGING SIZE	
	CODE 162062.1611	PACKAGING SIZE 1000 ml	
	CODE 162062.1714	PACKAGING SIZE 5 l	
	CODE 162062.0616	PACKAGING SIZE 25 l	Product discontinued. Alternative 162062.1714 (please check specifications).
	CODE 162062.0537	PACKAGING SIZE 30 l	Product discontinued. Alternative 142062.0537 (please check specifications).

Technical data

MELTING POINT:	-90.6 °C
BOILING POINT:	98.4 °C
DENSITY:	0.684 kg/l
REFRACTIVE INDEX:	20/D 1.3878
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	162062
PRODUCT NAME:	n-Heptane, 99% for synthesis
QUALITY NAME:	for synthesis
SPECIFICATIONS:	Minimum assay (G.C.): 99% Identity: IR passes test Density 20/4: 0.683-0.685 Non-volatile matter: 0.001 % Water (H2O): 0.01 %

HAZARD PICTOGRAMS

UN:	1206
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II

IATA:	3/II
WGK:	2
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07 GHS08 GHS09
H PHRASES:	H225 H315 H304 H336 H410
P PHRASES:	P210 P240 P273 P301+P310 P331 P501 P403+P235

MASTER NAME:	n-Heptane
EINECS:	205-563-8
CS:	2901 10 00 00
INDEX NR.:	601-008-00-2

n-Butyl Acetate (Reag. USP, Ph. Eur.) for analysis, ACS

Acetic Acid Butyl Ester

Minimum assay (G.C.): 99.5%

CODE	**131202**
CAS	**123-86-4**
MOLECULAR FORMULA	**$CH_3COOC_4H_9$**
MOLAR MASS	**116.16 g/mol**

Packs sizes (2)

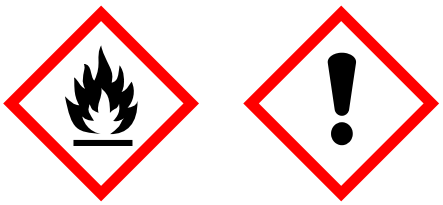
	CODE	PACKAGING SIZE	
	CODE 131202.1611	PACKAGING SIZE 1000 ml	Product active until stock lasts.
	CODE 131202.0619	PACKAGING SIZE 200 l	

ⓘ Technical data

MELTING POINT:	-77.9 °C
BOILING POINT:	126.5 °C
DENSITY:	0.883 kg/l
SOLUBILITY:	water 23 g/l at 20 °C

REFRACTIVE INDEX:	20/D 1.3941
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	131202
PRODUCT NAME:	n-Butyl Acetate (Reag. USP, Ph. Eur.) for analysis, ACS
QUALITY NAME:	for analysis, ACS
SPECIFICATIONS:	Minimum assay (G.C.): 99.5% Identity: IR passes test Density 20/4: 0.880-0.882 Range of Distillation (>95% dist.): 123-126°C Maximum limit of impurities APHA colour: 10 Acidity: 0.0016 meq/g Non-volatile matter: 0.001 % Darkened substances by H2SO4: passes test 1-Butanol (G.C.): 0.2% Isobutyl Acetate (G.C.): 0.2% n-Butyl Formate (G.C.): 0.05% n-Butyl Propionate (G.C.): 0.05% Water (H2O): 0.1 % Metals by ICP [in mg/Kg (ppm)] Ag: 0.05 Al: 0.5 As: 0.05 Au: 0.05 B: 0.02 Ba: 0.1 Be: 0.02 Bi: 0.05 Ca: 0.2 Cd: 0.05 Co: 0.02 Cr: 0.02 Cu: 0.02 Fe: 0.1 Ga: 0.02 Ge: 0.05

	Hg: 0.05 In: 0.05 K: 0.1 Li: 0.05 Mg: 0.02 Mn: 0.02 Mo: 0.02 Na: 0.2 Ni: 0.02 P: 0.2 Pb: 0.05 Pt: 0.02 S: 0.2 Sb: 0.02 Si: 0.2 Sn: 0.1 Sr: 0.2 Ti: 0.02 Tl: 0.02 V: 0.02 Zn: 0.1 Zr: 0.02
HAZARD PICTOGRAMS	
UN:	1123
CLASS/PG:	3/III
ADR:	3/III
IMDG:	3/III
IATA:	3/III
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Warning

GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H226 EUH066 H336
P PHRASES:	P210 P233 P240 P241 P242 P501 P243 P261 P271 P280 P303+P361+P353 P304+P340 P312 P370+P378 P403+P233 P403+P235 P405

MASTER NAME:	n-Butyl Acetate
SYNONYMS LONG TEXT:	Acetic Acid Butyl Ester
EINECS:	204-658-1
CS:	2915 33 00 00
INDEX NR.:	607-025-00-1

Mixture 2-Propanol/Ethyl Acetate 89:11

Assay (as 2-Propanol) (G.C.): 87-91 %

CODE

177002

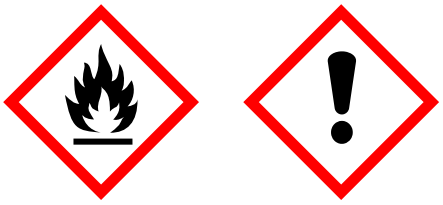
Packs sizes (1)

	CODE	PACKAGING SIZE
	CODE 177002.0716	PACKAGING SIZE 25 l

Technical data

DENSITY:	0.790 kg/l
SOLUBILITY:	Miscible with water
PHYSICAL DESCRIPTION:	Clear liquid

PRODUCT CODE:	177002
PRODUCT NAME:	Mixture 2-Propanol/Ethyl Acetate 89:11
SPECIFICATIONS:	Assay (as 2-Propanol) (G.C.): 87-91 % Assay (as Ethyl Acetate) (G.C.): 9 - 13% Density 20/4: 0.784 - 0.795 Maximum limit of impurities APHA colour: 10 Water (H2O): 0.07 %

HAZARD PICTOGRAMS	
UN:	1993
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H319 H336
P PHRASES:	P210 P233 P243 P261 P264 P271 P280 P303+P361+P353 P304+P340 P305+P351+P338 P312 P403+P233 P501

MASTER NAME:	Mixture 2-Propanol / Ethyl Acetate 89:11
CS:	3822 90 00 00

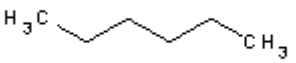
n-Hexane 95% for pesticide analysis

Minimum assay (en n-Hexane) (G.C.): 95.0%

CODE	**323242**
CAS	**110-54-3**
MOLECULAR FORMULA	**C_6H_{14}**
MOLAR MASS	**86.18 g/mol**

Packs sizes (4)

	CODE	PACKAGING SIZE	
	CODE 323242.1611	PACKAGING SIZE 1000 ml	Product active until stock lasts.
	CODE 323242.1612	PACKAGING SIZE 2.5 l	
	CODE 323242.0515	PACKAGING SIZE 10 l	
	CODE 323242.0537	PACKAGING SIZE 30 l	



Technical data

MELTING POINT:	-95 °C
BOILING POINT:	69 °C
DENSITY:	0.663 kg/l
REFRACTIVE INDEX:	20/D 1.3751
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	323242
PRODUCT NAME:	n-Hexane 95% for pesticide analysis
QUALITY NAME:	for pesticide analysis
SPECIFICATIONS:	Minimum assay (en n-Hexane) (G.C.): 95.0% Minimum assay (as isomers) (G.C.): 98.5% Identity: IR passes test Maximum limit of impurities APHA colour: 10 Acidity: 0.0003 meq/g Non-volatile matter: 0.0005 % Water (H2O): 0.01 % Signal ECD of pesticide (Lindane a DDT) (as Lindane): 5 ng/l Signal FID of 2-Octanol to Tetradecanol (as 2-Octanol): passes test

HAZARD PICTOGRAMS

UN:	1208
CLASS/PG:	3(CONT. MARINO)/II
ADR:	3(CONT. MARINO)/II
IMDG:	3(CONT. MARINO)/II
IATA:	3(CONT. MARINO)/II
WGK:	2
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07 GHS08 GHS09
H PHRASES:	H225 H315 H373 H361f H304 H336 H411
P PHRASES:	P210 P240 P273 P301+P310 P302+P352 P501 P403+P235

MASTER NAME:	n-Hexane 95%
EINECS:	203-777-6
CS:	2901 10 00 00
INDEX NR.:	601-037-00-0

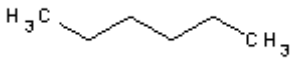
n-Hexane 95% for analysis, ACS

Minimum assay (en n-Hexane) (G.C.): 95.0%

CODE	**133242**
CAS	**110-54-3**
MOLECULAR FORMULA	**C_6H_{14}**
MOLAR MASS	**86.18 g/mol**

Packs sizes (2)

	CODE	PACKAGING SIZE
	CODE 133242.1611	PACKAGING SIZE 1000 ml
	CODE 133242.1612	PACKAGING SIZE 2.5 l



Technical data

MELTING POINT:	-95 °C
BOILING POINT:	69 °C
DENSITY:	0.663 kg/l

REFRACTIVE INDEX:	20/D 1.3751
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	133242
PRODUCT NAME:	n-Hexane 95% for analysis, ACS
QUALITY NAME:	for analysis, ACS
SPECIFICATIONS:	Minimum assay (en n-Hexane) (G.C.): 95.0% Minimum assay (as isomers) (G.C.): 98.5% Identity: IR passes test Maximum limit of impurities APHA colour: 10 Acidity: 0.0003 meq/g Non-volatile matter: 0.001 % Darkened substances by H2SO4: passes test Sulfur compounds (as S): 0.005 % Aromatic hydrocarbons (C6H6) (U.V.): 0.01% Thiophene (C4H4S): passes test Water (H2O): 0.01 % Metals by ICP [in mg/Kg (ppm)] Ag: 0,05 Al: 0,5 As: 0,5 Au: 0,1 B: 0,02 Ba: 0,1 Be: 0,02 Bi: 0,05 Ca: 0,5 Cd: 0,05 Co: 0,02 Cr: 0,02 Cu: 0,02 Fe: 0,1 Ga: 0,02 Ge: 0,05 Hg: 0,05 In: 0,05 K: 0,1

Li: 0,05
Mg: 0,1
Mn: 0,02
Mo: 0,02
Na: 0,5
Ni: 0,02
P: 0,2
Pb: 0,1
Pt: 0,1
S: 0,2
Sb: 0,02
Si: 0,2
Sn: 0,1
Sr: 0,2
Ti: 0,02
Tl: 0,02
V: 0,02
Zn: 0,1
Zr: 0,02

HAZARD PICTOGRAMS

UN:	1208
CLASS/PG:	3(CONT. MARINO)/II
ADR:	3(CONT. MARINO)/II
IMDG:	3(CONT. MARINO)/II
IATA:	3(CONT. MARINO)/II
WGK:	2
STORAGE:	Room Temperature.

SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07 GHS08 GHS09
H PHRASES:	H225 H315 H373 H361f H304 H336 H411
P PHRASES:	P210 P240 P273 P301+P310 P302+P352 P501 P403+P235

MASTER NAME:	n-Hexane 95%
EINECS:	203-777-6
CS:	2901 10 00 00
INDEX NR.:	601-037-00-0

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n-Hexane (Reag. USP, Ph. Eur.) for analysis, ACS

Minimum assay (G.C.): 99.0%

CODE	**132063**
CAS	**110-54-3**
MOLECULAR FORMULA	**C_6H_{14}**
MOLAR MASS	**86.18 g/mol**

Packs sizes (3)

	CODE	PACKAGING SIZE	
	CODE 132063.1611	PACKAGING SIZE 1000 ml	
	CODE 132063.1612	PACKAGING SIZE 2.5 l	
	CODE 132063.0616	PACKAGING SIZE 25 l	Product discontinued. Alternative 132063.1612 (please check specifications).

Technical data

MELTING POINT:	-95 °C
BOILING POINT:	69 °C
DENSITY:	0.661 kg/l
REFRACTIVE INDEX:	20/D 1.3751
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	132063
PRODUCT NAME:	n-Hexane (Reag. USP, Ph. Eur.) for analysis, ACS
QUALITY NAME:	for analysis, ACS
SPECIFICATIONS:	Minimum assay (G.C.): 99.0% Identity: IR passes test Density 20/20: 0.659-0.663 Range of Distillation (>95% dist.): 67-69°C Refractive Index n 20/D: 1.375-1.376 Maximum limit of impurities APHA colour: 10 Acidity: 0.0003 meq/g Non-volatile matter: 0.001 % Darkened substances by H2SO4: passes test Sulfur compounds (as S): 0.005 % Aromatic hydrocarbons (as C6H6) (U.V.): 0.01% Thiophene: passes test Water (H2O): 0.01 % Metals by ICP [in mg/Kg (ppm)] Ag: 0.05 Al: 0.5 As: 0.05 Au: 0.05 B: 0.2 Ba: 0.1 Be: 0.02 Bi: 0.05 Ca: 0.5 Cd: 0.05

Co: 0.02
Cr: 0.02
Cu: 0.02
Fe: 0.1
Ga: 0.02
Ge: 0.05
Hg: 0.05
In: 0.05
K: 0.1
Li: 0.05
Mg: 0.1
Mn: 0.02
Mo: 0.02
Na: 0.5
Ni: 0.02
P: 0.2
Pb: 0.1
Pt: 0.02
Sb: 0.02
Si: 0.2
Sn: 0.1
Sr: 0.2
Ti: 0.02
Tl: 0.02
V: 0.02
Zn: 0.1
Zr: 0.02

HAZARD PICTOGRAMS

UN: 1208

CLASS/PG: 3/II

ADR: 3/II

IMDG:	3/II
IATA:	3/II
WGK:	2
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07 GHS08 GHS09
H PHRASES:	H225 H315 H373 H361f H304 H336 H411
P PHRASES:	P210 P233 P240 P241 P242 P243 P260 P261 P264 P271 P273 P280 P301+P310 P302+P352 P303+P361+P353 P304+P340 P312 P314 P321 P331 P332+P313 P362

	P370+P378 P391 P403+P233 P403+P235 P405 P501
MASTER NAME:	n-Hexane
EINECS:	203-777-6
CS:	2901 10 00 00
INDEX NR.:	601-037-00-0

n-Heptane (Reag. Ph. Eur.) for analysis

Minimum assay (G.C.): 99.0%

CODE	**122062**
CAS	**142-82-5**
MOLECULAR FORMULA	**C_7H_{16}**
MOLAR MASS	**100.21 g/mol**

Packs sizes (4)

	CODE	PACKAGING SIZE
	122062.1611	1000 ml
	122062.1612	2.5 l
	122062.0314	5 l
	122062.0619	200 l

Technical data

MELTING POINT:	-90.6 °C
BOILING POINT:	98.4 °C
DENSITY:	0.684 kg/l
REFRACTIVE INDEX:	20/D 1.3878
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	122062
PRODUCT NAME:	n-Heptane (Reag. Ph. Eur.) for analysis
QUALITY NAME:	for analysis
SPECIFICATIONS:	Minimum assay (G.C.): 99.0% Identity: IR passes test Density 20/4: 0.683-0.685 Maximum limit of impurities APHA colour: 10 Acidity: 0.0001 meq/g Alkalinity: 0.0001 meq/g Non-volatile matter: 0.001 % Darkened substances by H2SO4: passes test Sulfur compounds (as S): 0.005 % Thiophene: passes test Water (H2O): 0.01 % Metals by ICP [in mg/Kg (ppm)] Ag: 0.05 Al: 0.5 As: 0.5 Au: 0.1 B: 0.02 Ba: 0.1 Be: 0.02 Bi: 0.05 Ca: 0.5

	Cd: 0.05 Co: 0.02 Cr: 0.02 Cu: 0.02 Fe: 0.1 Ge: 0.05 Hg: 0.05 In: 0.05 K: 0.1 Li: 0.05 Mg: 0.1 Mn: 0.02 Mo: 0.02 Na: 0.5 Ni: 0.02 P: 0.2 Pb: 0.1 Pt: 0.1 S: 0.2 Sb: 0.02 Si: 0.2 Sn: 0.1 Sr: 0.2 Ti: 0.02 Tl: 0.02 V: 0.02 Zn: 0.1 Zr: 0.02
HAZARD PICTOGRAMS	
UN:	1206
CLASS/PG:	3/II
ADR:	3/II

IMDG:	3/II
IATA:	3/II
WGK:	2
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07 GHS08 GHS09
H PHRASES:	H225 H315 H304 H336 H410
P PHRASES:	P210 P240 P273 P301+P310 P331 P501 P403+P235

MASTER NAME:	n-Heptane
EINECS:	205-563-8
CS:	2901 10 00 00
INDEX NR.:	601-008-00-2

n-Heptane pure

Assay (G.C.): 99%

CODE	**142062**
CAS	**142-82-5**
MOLECULAR FORMULA	**C_7H_{16}**
MOLAR MASS	**100.21 g/mol**

Packs sizes (2)

	CODE	PACKAGING SIZE
	CODE 142062.3516	PACKAGING SIZE 25 l
	CODE 142062.0537	PACKAGING SIZE 30 l

Technical data

MELTING POINT:	-90.6 °C
BOILING POINT:	98.4 °C
DENSITY:	0.684 kg/l

REFRACTIVE INDEX:	20/D 1.3878
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	142062
PRODUCT NAME:	n-Heptane pure
QUALITY NAME:	pure
SPECIFICATIONS:	Assay (G.C.): 99% Identity: IR passes test Density 20/4: 0.683-0.685 Acidity: 0.001 meq/g Non-volatile matter: 0.005 % Sulfur compounds (as S): 0.01 % Water (H2O): 0.02 % Cu: 0.00002 % Fe: 0.00005 % Ni: 0.00002 % Pb: 0.00002 %

HAZARD PICTOGRAMS

UN:	1206
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	2

STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07 GHS08 GHS09
H PHRASES:	H225 H315 H304 H336 H410
P PHRASES:	P210 P240 P273 P301+P310 P331 P501 P403+P235

MASTER NAME:	n-Heptane
EINECS:	205-563-8
CS:	2901 10 00 00
INDEX NR.:	601-008-00-2

N,N-Dimethylacetamide (BP, Ph. Eur.) pure, pharma grade

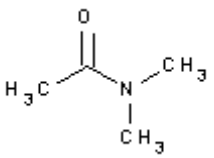
Acetic Acid Dimethylamide, DMAC

Minimum assay (G.C.): 99.0%

CODE	**143145**
CAS	**127-19-5**
MOLECULAR FORMULA	**C_4H_9NO**
MOLAR MASS	**87.12 g/mol**

Packs sizes (3)

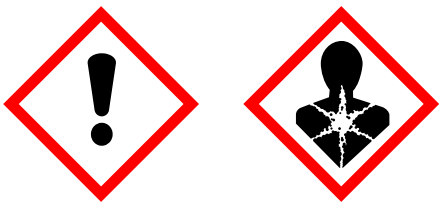
	CODE	PACKAGING SIZE
	CODE 143145.1612	PACKAGING SIZE 2.5 l
	CODE 143145.0716	PACKAGING SIZE 25 l
	CODE 143145.3619	PACKAGING SIZE 200 l



Technical data

MELTING POINT:	-20 °C
BOILING POINT:	165 °C
DENSITY:	0.942 kg/l
REFRACTIVE INDEX:	20/D 1.423
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	143145
PRODUCT NAME:	N,N-Dimethylacetamide (BP, Ph. Eur.) pure, pharma grade
QUALITY NAME:	pure, pharma grade
SPECIFICATIONS:	Minimum assay (G.C.): 99.0% Identity according to Pharmacopoeias:: passes test Density 20/20: 0.941-0.944 Maximum limit of impurities Appearance: passes test Acidity: passes test Alkalinity: passes test Non-volatile matter: 0.002 % Related substances: Individual impurity: 0.1% Total impurities: 0.3% Residual solvents (Ph.Eur.): passes test Water (H2O): 0.1 %

HAZARD PICTOGRAMS	
WGK:	1

STORAGE:	Storage away from direct light.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS08 GHS07
H PHRASES:	H360D H332 H312
P PHRASES:	P201 P202 P261 P271 P281 P302+P352 P304+P340 P308+P313 P312 P322 P363 P405 P501

MASTER NAME:	N,N-Dimethylacetamide
SYNONYMS LONG TEXT:	Acetic Acid Dimethylamide, DMAC
EINECS:	204-826-4
CS:	2924 19 00 90
INDEX NR.:	616-011-00-4

n-Pentane (Reag. USP, Ph. Eur.) for analysis

Minimum assay (G.C.): 99.0%

CODE	**122006**
CAS	**109-66-0**
MOLECULAR FORMULA	**C_5H_{12}**
MOLAR MASS	**72.15 g/mol**

Packs sizes (2)

	CODE	PACKAGING SIZE
	122006.1611	1000 ml
	122006.1612	2.5 l

Technical data

MELTING POINT:	-129.7 °C
BOILING POINT:	36.1 °C

DENSITY:	0.626 kg/l
SOLUBILITY:	water 0.36 g/l at 20 °C
REFRACTIVE INDEX:	20/D 1.3577
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	122006
PRODUCT NAME:	n-Pentane (Reag. USP, Ph. Eur.) for analysis
QUALITY NAME:	for analysis
SPECIFICATIONS:	Minimum assay (G.C.): 99.0% Identity: IR passes test Density 20/4: 0.624-0.628 Range of Boiling (>95% dist.): 34-36°C Maximum limit of impurities APHA colour: 10 Acidity: 0.0005 meq/g Non-volatile matter: 0.001 % Darkened substances by H2SO4: passes test Sulfur compounds (as S): 0.002 % Thiophene: passes test Water (H2O): 0.01 % Metals by ICP [in mg/Kg (ppm)] Ag: 0.05 Al: 0.5 As: 0.05 Au: 0.05 B: 0.02 Ba: 0.1 Be: 0.02 Bi: 0.05 Ca: 0.5 Cd: 0.05 Co: 0.02 Cr: 0.02 Cu: 0.02 Fe: 0.1 Ga: 0.02

	Ge: 0.05 Hg: 0.05 In: 0.05 K: 0.1 Li: 0.05 Mg: 0.1 Mn: 0.02 Mo: 0.02 Na: 0.5 Ni: 0.02 P: 0.2 Pb: 0.1 Pt: 0.02 Sb: 0.02 Si: 0.2 Sn: 0.1 Sr: 0.2 Ti: 0.02 Tl: 0.02 V: 0.02 Zn: 0.1 Zr: 0.02
HAZARD PICTOGRAMS	
UN:	1265
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1

STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS08 GHS07 GHS09
H PHRASES:	H225 H304 EUH066 H336 H411
P PHRASES:	P210 P233 P240 P241 P242 P243 P261 P271 P273 P280 P301+P310 P303+P361+P353 P304+P340 P312 P331 P370+P378 P391 P403+P233 P403+P235 P405 P501

MASTER NAME:	n-Pentane
EINECS:	203-692-4
CS:	2901 10 00 00
INDEX NR.:	601-006-00-1

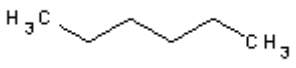
n-Hexane for UV, IR, HPLC

Minimum assay (G.C.): 99.0%

CODE	**362063**
CAS	**110-54-3**
MOLECULAR FORMULA	**C_6H_{14}**
MOLAR MASS	**86.18 g/mol**

Packs sizes (2)

	CODE	PACKAGING SIZE
	CODE 362063.1611	PACKAGING SIZE 1000 ml
	CODE 362063.1612	PACKAGING SIZE 2.5 l



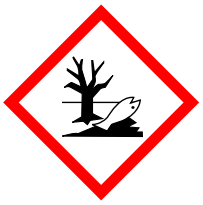
Technical data

MELTING POINT:	-95 °C
BOILING POINT:	69 °C
DENSITY:	0.661 kg/l

REFRACTIVE INDEX:	20/D 1.3751
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	362063
PRODUCT NAME:	n-Hexane for UV, IR, HPLC
QUALITY NAME:	for UV, IR, HPLC
SPECIFICATIONS:	Minimum assay (G.C.): 99.0% Density 20/4: 0.660-0.662 Maximum limit of impurities APHA colour: 10 Acidity: 0.0002 meq/g Alkalinity: 0.0002 meq/g Non-volatile matter: 0.0003 % Water (H2O): 0.005 % Suitability for IR spectrometry:: passes test Fluorescence at 254 nm (as quinine): 2 ppb Fluorescence at 365 nm (as quinine): 2 ppb UV Spectrum (1cm cell; Ref.: water): Transmittance at 195 (Cut off) nm: ≥10% Transmittance at 200 nm: ≥20% Transmittance at 210 nm: ≥60% Transmittance at 220 nm: ≥85% Transmittance at 225 nm: ≥90% Transmittance at 230 nm: ≥94% Transmittance at 245-400 nm: ≥98% Data of interest in HPLC: P' + 0,25 E: 0.5 Rohrschneider Polarity: 0.1 Eluotropic value e° (Al2O3): 0.01 Sol. H2O in solv. at 20°C: 0.01 For critical jobs, purge with nitrogen. Microfiltered product (0.2 µm) and bottled under nitrogen atmosphere.

HAZARD PICTOGRAMS



UN:	1208
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	2
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07 GHS08 GHS09
H PHRASES:	H225 H315 H373 H361f H304 H336 H411
P PHRASES:	P210 P233 P240 P241 P242 P243 P260 P261 P264 P271

	P273 P280 P301+P310 P302+P352 P303+P361+P353 P304+P340 P312 P314 P321 P331 P332+P313 P362 P370+P378 P391 P403+P233 P403+P235 P405 P501
MASTER NAME:	n-Hexane
EINECS:	203-777-6
CS:	2901 10 00 00
INDEX NR.:	601-037-00-0

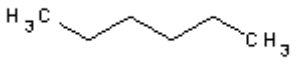
n-Hexane 95% pure

Assay (en n-Hexane) (G.C.): 95%

CODE	**143242**
CAS	**110-54-3**
MOLECULAR FORMULA	**C_6H_{14}**
MOLAR MASS	**86.18 g/mol**

Packs sizes (2)

	CODE	PACKAGING SIZE	
	CODE 143242.0616	PACKAGING SIZE 25 l	Product active until stock lasts.
	CODE 143242.0619	PACKAGING SIZE 200 l	



Technical data

MELTING POINT:	-95 °C
BOILING POINT:	69 °C
DENSITY:	0.663 kg/l

REFRACTIVE INDEX:	20/D 1.3751
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	143242
PRODUCT NAME:	n-Hexane 95% pure
QUALITY NAME:	pure
SPECIFICATIONS:	Assay (en n-Hexane) (G.C.): 95% Identity: IR passes test Acidity: 0.001 meq/g Non-volatile matter: 0.005 % Sulfur compounds (as S): 0.01 % Water (H2O): 0.02 % Cu: 0,00002 % Fe: 0,00005 % Ni: 0,00002 % Pb: 0,00002 %

HAZARD PICTOGRAMS

UN:	1208
CLASS/PG:	3(CONT. MARINO)/II
ADR:	3(CONT. MARINO)/II
IMDG:	3(CONT. MARINO)/II
IATA:	3(CONT. MARINO)/II
WGK:	2

STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07 GHS08 GHS09
H PHRASES:	H225 H315 H373 H361f H304 H336 H411
P PHRASES:	P210 P240 P273 P301+P310 P302+P352 P501 P403+P235

MASTER NAME:	n-Hexane 95%
EINECS:	203-777-6
CS:	2901 10 00 00
INDEX NR.:	601-037-00-0

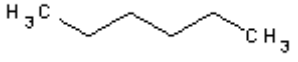
n-Hexane 95% for UV, IR, HPLC, ACS

Minimum assay (en n-Hexane) (G.C.): 95.0%

CODE	**363242**
CAS	**110-54-3**
MOLECULAR FORMULA	**C_6H_{14}**
MOLAR MASS	**86.18 g/mol**

Packs sizes (3)

	CODE	PACKAGING SIZE
	CODE 363242.1611	PACKAGING SIZE 1000 ml
	CODE 363242.1612	PACKAGING SIZE 2.5 l
	CODE 363242.0537	PACKAGING SIZE 30 l

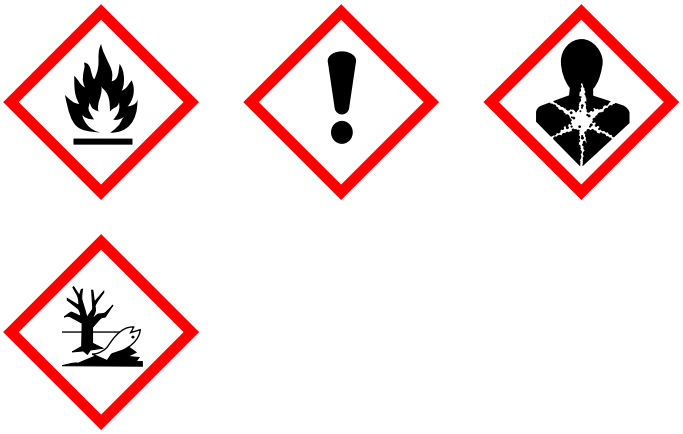


Technical data

MELTING POINT:	-95 °C

BOILING POINT:	69 °C
DENSITY:	0.663 kg/l
REFRACTIVE INDEX:	20/D 1.3751
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	363242
PRODUCT NAME:	n-Hexane 95% for UV, IR, HPLC, ACS
QUALITY NAME:	for UV, IR, HPLC, ACS
SPECIFICATIONS:	Minimum assay (en n-Hexane) (G.C.): 95.0% Minimum assay (as isomers) (G.C.): 98.5% Maximum limit of impurities APHA colour: 10 Acidity: 0.0003 meq/g Non-volatile matter: 0.0003 % Sulfur compounds (as S): 0.005 % Thiophene (C4H4S): passes test Water (H2O): 0.01 % Suitability for IR spectrometry:: passes test UV Spectrum (1cm cell; Ref.: water): Transmittance at 195 (Cut off) nm: ≥10% Transmittance at 200 nm: ≥20% Transmittance at 210 nm: ≥60% Transmittance at 220 nm: ≥80% Transmittance at 230 nm: ≥94% Transmittance at 245-400 nm: ≥98% Data of interest in HPLC: P' + 0,25 E: 0.5 Rohrschneider Polarity: 0.1 Eluotropic value e° (Al2O3): 0.01 Sol. H2O in solv. at 20°C: 0.01 For critical jobs, purge with nitrogen. Microfiltered product (0.2 µm) and bottled under nitrogen atmosphere.

HAZARD PICTOGRAMS	
UN:	1208
CLASS/PG:	3(CONT. MARINO)/II
ADR:	3(CONT. MARINO)/II
IMDG:	3(CONT. MARINO)/II
IATA:	3(CONT. MARINO)/II
WGK:	2
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07 GHS08 GHS09
H PHRASES:	H225 H315 H373 H361f H304 H336 H411
P PHRASES:	P210 P240 P273 P301+P310 P302+P352

	P501 P403+P235
MASTER NAME:	n-Hexane 95%
EINECS:	203-777-6
CS:	2901 10 00 00
INDEX NR.:	601-037-00-0

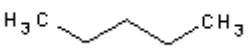
n-Pentane for pesticide analysis

Minimum assay (G.C.): 99.0%

CODE	**322006**
CAS	**109-66-0**
MOLECULAR FORMULA	**C_5H_{12}**
MOLAR MASS	**72.15 g/mol**

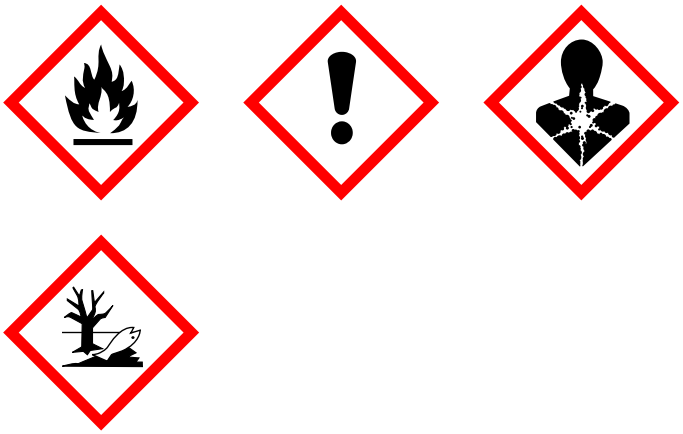
Packs sizes (1)

	CODE	PACKAGING SIZE	
	CODE 322006.1612	PACKAGING SIZE 2.5 l	Product discontinued. Please check CAS-No. for alternative or contact our Customer Service.



Technical data

MELTING POINT:	-129.7 °C
BOILING POINT:	36.1 °C
DENSITY:	0.626 kg/l
SOLUBILITY:	water 0.36 g/l at 20 °C
REFRACTIVE INDEX:	20/D 1.3577

PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	322006
PRODUCT NAME:	n-Pentane for pesticide analysis
QUALITY NAME:	for pesticide analysis
SPECIFICATIONS:	Minimum assay (G.C.): 99.0% Identity: IR passes test Density 20/4: 0.624-0.628 **Maximum limit of impurities** APHA colour: 10 Acidity: 0.0005 meq/g Non-volatile matter: 0.0005 % Water (H2O): 0.01 % Signal ECD of pesticide (Lindane a DDT) (as Lindane): 5 ng/l
HAZARD PICTOGRAMS	
UN:	1265
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1
STORAGE:	Room Temperature.

SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS08 GHS07 GHS09
H PHRASES:	H225 H304 EUH066 H336 H411
P PHRASES:	P210 P233 P240 P241 P242 P243 P261 P271 P273 P280 P301+P310 P303+P361+P353 P304+P340 P312 P331 P370+P378 P391 P403+P233 P403+P235 P405 P501

MASTER NAME:	n-Pentane
EINECS:	203-692-4
CS:	2901 10 00 00
INDEX NR.:	601-006-00-1

N,N-Dimethylformamide (Reag. USP, Ph. Eur.) for analysis, ACS, ISO

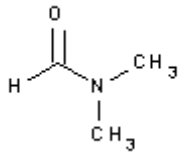
DMF, Formic Acid Dimethylamide

Minimum assay (G.C.): 99.8%

CODE	**131785**
CAS	**68-12-2**
MOLECULAR FORMULA	**$(CH_3)_2NCHO$**
MOLAR MASS	**73.10 g/mol**

Packs sizes (4)

	CODE	PACKAGING SIZE	
	CODE 131785.1611	PACKAGING SIZE 1000 ml	
	CODE 131785.1612	PACKAGING SIZE 2.5 l	
	CODE 131785.1214	PACKAGING SIZE 5 l	
	CODE 131785.0716	PACKAGING SIZE 25 l	Product discontinued. Alternative 131785.1214 (please check specifications).



Technical data

MELTING POINT:	-61 °C
BOILING POINT:	153 °C
DENSITY:	0.948 kg/l
SOLUBILITY:	Easily soluble in water and organic solvents (20 ° C)
REFRACTIVE INDEX:	20/D 1.4305
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	131785
PRODUCT NAME:	N,N-Dimethylformamide (Reag. USP, Ph. Eur.) for analysis, ACS, ISO
QUALITY NAME:	for analysis, ACS, ISO
SPECIFICATIONS:	Minimum assay (G.C.): 99.8% Identity: IR passes test Density 20/20: 0.949-0.952 Maximum limit of impurities APHA colour: 10 Acidity: 0.0005 meq/g Alkalinity: 0.0005 meq/g Non-volatile matter: 0.0002 % Diethylamine (G.C.): 0.05% Dimethylamine (G.C.): 0.05% Methanol (G.C.): 0.05% Water (H2O): 0.05 %

Metals by ICP [in mg/Kg (ppm)]
Ag: 0.05
Al: 0.5
As: 0.05
Au: 0.05
B: 0.02
Ba: 0.1
Be: 0.02
Bi: 0.05
Ca: 0.5
Cd: 0.05
Co: 0.02
Cr: 0.02
Cu: 0.02
Fe: 0.1
Ga: 0.02
Ge: 0.05
Hg: 0.05
In: 0.05
K: 0.1
Li: 0.05
Mg: 0.1
Mn: 0.02
Mo: 0.02
Na: 0.5
Ni: 0.02
P: 0.2
Pb: 0.1
Pt: 0.02
S: 0.2
Sb: 0.02
Si: 0.2
Sn: 0.1
Sr: 0.2
Ti: 0.02
Tl: 0.02
V: 0.02
Zn: 0.1
Zr: 0.02

HAZARD PICTOGRAMS	
UN:	2265
CLASS/PG:	3/III
ADR:	3/III
IMDG:	3/III
IATA:	3/III
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS08 GHS07 GHS02
H PHRASES:	H360D H332 H312 H319 H226
P PHRASES:	P260 P264 P270 P305+P351+P338 P302+P352 P304+P340 P308+P313 P312 P337+P313 P363 P405 P501 P280

MASTER NAME:	N,N-Dimethylformamide
SYNONYMS LONG TEXT:	DMF, Formic Acid Dimethylamide
EINECS:	200-679-5
CS:	2924 19 00 90
INDEX NR.:	616-001-00-X

N,N-Dimethylacetamide (Reag. Ph. Eur.) for analysis

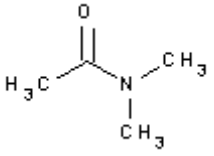
Acetic Acid Dimethylamide, DMAC

Minimum assay (G.C.): 99.5%

CODE	**123145**
CAS	**127-19-5**
MOLECULAR FORMULA	**C_4H_9NO**
MOLAR MASS	**87.12 g/mol**

Packs sizes (2)

	CODE	PACKAGING SIZE	
	CODE 123145.1611	PACKAGING SIZE 1000 ml	
	CODE 123145.0716	PACKAGING SIZE 25 l	Product discontinued. Please check CAS-No. for alternative or contact our Customer Service.



Technical data

MELTING POINT:	-20 °C
BOILING POINT:	165 °C
DENSITY:	0.942 kg/l
REFRACTIVE INDEX:	20/D 1.423
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	123145
PRODUCT NAME:	N,N-Dimethylacetamide (Reag. Ph. Eur.) for analysis
QUALITY NAME:	for analysis
SPECIFICATIONS:	Minimum assay (G.C.): 99.5% Identity: IR passes test pH of 20% solution: 4.0-7.0 Density 20/4: 0.940-0.944 Range of Distillation: 164.5-167.5°C Maximum limit of impurities Non-volatile matter: 0.001 % Chloride (Cl): 0.001% Sulfate (SO4): 0.001% Water (H2O): 0.05 % Ca: 0.00005 % Cd: 0.000005 % Co: 0.000002 % Cr: 0.000002 % Cu: 0.000002 % Fe: 0.00001 % Mg: 0.00001 % Mn: 0.000002 % Ni: 0.000002 % Pb: 0.00001 % Zn: 0.00001 %

HAZARD PICTOGRAMS	
WGK:	1
STORAGE:	Storage away from direct light.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS08 GHS07
H PHRASES:	H360D H332 H312
P PHRASES:	P201 P202 P261 P271 P281 P302+P352 P304+P340 P308+P313 P312 P322 P363 P405 P501

MASTER NAME:	N,N-Dimethylacetamide
SYNONYMS LONG TEXT:	Acetic Acid Dimethylamide, DMAC
EINECS:	204-826-4
CS:	2924 19 00 90
INDEX NR.:	616-011-00-4

N,N-Dimethylacetamide for UV, IR, HPLC

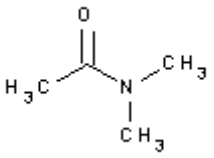
Acetic Acid Dimethylamide, DMAC

Minimum assay (G.C.): 99.9%

CODE	**363145**
CAS	**127-19-5**
MOLECULAR FORMULA	**C_4H_9NO**
MOLAR MASS	**87.12 g/mol**

Packs sizes (1)

CODE	PACKAGING SIZE
CODE 363145.1612	PACKAGING SIZE 2.5 l



Technical data

MELTING POINT:	-20 °C
BOILING POINT:	165 °C
DENSITY:	0.942 kg/l
REFRACTIVE INDEX:	20/D 1.423

PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	363145
PRODUCT NAME:	N,N-Dimethylacetamide for UV, IR, HPLC
QUALITY NAME:	for UV, IR, HPLC
SPECIFICATIONS:	Minimum assay (G.C.): 99.9% Maximum limit of impurities APHA colour: 10 Non-volatile matter: 0.0005 % Water (H2O): 0.03 % Suitability for IR spectrometry:: passes test UV Spectrum (1cm cell; Ref.: water): Transmittance at 270 (Cut off) nm: ≥10% Transmittance at 280 nm: ≥50% Transmittance at 290 nm: ≥70% Transmittance at 310 nm: ≥89% Transmittance at 320 nm: ≥93% Transmittance at 360-450 nm: ≥98% Suitability for HPLC-gradient at 280 nm: 150 mA Suitability for HPLC-gradient at 360 nm: 2.5 mA Suitability for HPLC-gradient at 320 nm: 10 mA Data of interest in HPLC: Rohrschneider Polarity: 6.5 Sol. H2O in solv. at 20°C: miscible For critical jobs, purge with nitrogen. Microfiltered product (0.2 µm) and bottled under nitrogen atmosphere.
HAZARD PICTOGRAMS	
WGK:	1
STORAGE:	Storage away from direct light.
SIGNAL WORD:	Danger

GHS SYMBOLS:	GHS08 GHS07
H PHRASES:	H360D H332 H312
P PHRASES:	P201 P202 P261 P271 P281 P302+P352 P304+P340 P308+P313 P312 P322 P363 P405 P501

MASTER NAME:	N,N-Dimethylacetamide
SYNONYMS LONG TEXT:	Acetic Acid Dimethylamide, DMAC
EINECS:	204-826-4
CS:	2924 19 00 90
INDEX NR.:	616-011-00-4

N,N-Dimethylacetamide for Headspace GC

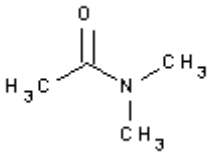
Acetic Acid Dimethylamide, DMAC

Minimum assay (G.C.): 99.9 %

CODE	**753145**
CAS	**127-19-5**
MOLECULAR FORMULA	**C_4H_9NO**
MOLAR MASS	**87.12 g/mol**

Packs sizes (1)

CODE	PACKAGING SIZE
CODE 753145.1611	PACKAGING SIZE 1000 ml

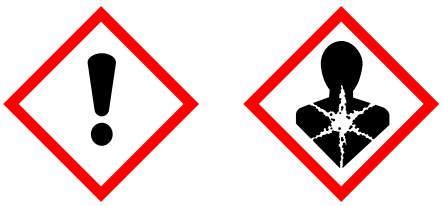


Technical data

MELTING POINT:	-20 °C
BOILING POINT:	165 °C
DENSITY:	0.942 kg/l

REFRACTIVE INDEX:	20/D 1.423
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	753145
PRODUCT NAME:	N,N-Dimethylacetamide for Headspace GC
QUALITY NAME:	for Headspace GC
SPECIFICATIONS:	Minimum assay (G.C.): 99.9 % Identity: IR passes test Refractive Index n 20/D: 1.438 - 1.439 **Maximum limit of impurities** APHA colour: 10 Suitability for analysis of residual solvents GC/HS : Solvents of class 1 according to ICH: 0.5 ppm Solvents of class 2 according to ICH: 5 ppm Solvents of class 3 according to ICH: 25 ppm Water (H2O): 0.05 % Product bottled under nitrogen atmosphere.

HAZARD PICTOGRAMS	
WGK:	1
STORAGE:	Storage away from direct light.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS08 GHS07
H PHRASES:	H360D H332 H312
P PHRASES:	P201 P202

P261
P271
P281
P302+P352
P304+P340
P308+P313
P312
P322
P363
P405
P501

MASTER NAME:	N,N-Dimethylacetamide
SYNONYMS LONG TEXT:	Acetic Acid Dimethylamide, DMAC
EINECS:	204-826-4
CS:	2924 19 00 90
INDEX NR.:	616-011-00-4

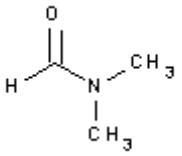
N,N-Dimethylformamide p. A.

Assay (GC): min. 99.5 %

CODE	**A1760**
CAS	**68-12-2**
MOLECULAR FORMULA	**$(CH_3)_2NCHO$**
MOLAR MASS	**73.10 g/mol**

Packs sizes (1)

	CODE	PACKAGING SIZE	
	CODE A1760,9195	PACKAGING SIZE 195 kg	Product active until stock lasts.



Technical data

REFRACTIVE INDEX:	n20/D 1.4305
PHYSICAL DESCRIPTION:	Liquid
PRODUCT CODE:	A1760
PRODUCT NAME:	N,N-Dimethylformamide p. A.

SPECIFICATIONS:	Assay (GC): min. 99.5 % Acidity/Alkalinity: max. 0.0005 meq/g Non-volatile matter: max. 0.0002 % Total P: max. 0.00005 % Total S: max. 0.0001 % Total Si: max. 0.000005 % Water (K.F.): max. 0.05 % Ca: max. 0.00001 % Cu: max. 0.00005 % Fe: max. 0.00001 % K: max. 0.00005 % Mg: max. 0.000005 % Na: max. 0.0002 % Pb: max. 0.00005 % Zn: max. 0.00005 %
HAZARD PICTOGRAMS	
UN:	2265
CLASS/PG:	3/III
ADR:	3/III
IMDG:	3/III
IATA:	3/III
WGK:	2
STORAGE:	RT
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07 GHS08
H PHRASES:	H226 H312+H332

P PHRASES:	H319 H360D P210 P280 P303+P361+P353 P305+P351+P338 P405 P501
EINECS:	200-679-5
CS:	29241900
INDEX NR.:	616-001-00-X

N,N-Dimethylformamide dry (max. 0.005% water) over molecular sieves

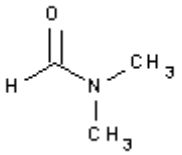
DMF, Formic Acid Dimethylamide

Minimum assay (G.C.): 99.8%

CODE	**481785**
CAS	**68-12-2**
MOLECULAR FORMULA	**$(CH_3)_2NCHO$**
MOLAR MASS	**73.10 g/mol**

Packs sizes (2)

	CODE	PACKAGING SIZE	
	CODE 481785.1611	PACKAGING SIZE 1000 ml	Product active until stock lasts.
	CODE 481785.1612	PACKAGING SIZE 2,5 l	Product active until stock lasts.



Technical data

MELTING POINT:	-61 °C
BOILING POINT:	153 °C
DENSITY:	0.948 kg/l
SOLUBILITY:	Easily soluble in water and organic solvents (20 ° C)
REFRACTIVE INDEX:	20/D 1.4305
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	481785
PRODUCT NAME:	N,N-Dimethylformamide dry (max. 0.005% water) over molecular sieves
SPECIFICATIONS:	Minimum assay (G.C.): 99.8% Identity: IR passes test Density 20/4: 0.946-0.950 **Maximum limit of impurities** Non-volatile matter: 0.001 % Water (H2O): 0.005 %

HAZARD PICTOGRAMS

UN:	2265
CLASS/PG:	3/III
ADR:	3/III
IMDG:	3/III
IATA:	3/III
WGK:	1

STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS08 GHS07 GHS02
H PHRASES:	H360D H332 H312 H319 H226
P PHRASES:	P260 P264 P270 P305+P351+P338 P302+P352 P304+P340 P308+P313 P312 P337+P313 P363 P405 P501 P280

MASTER NAME:	N,N-Dimethylformamide
SYNONYMS LONG TEXT:	DMF, Formic Acid Dimethylamide
EINECS:	200-679-5
CS:	2924 19 00 90
INDEX NR.:	616-001-00-X

N,N-Dimethylformamide, 99.8% for synthesis

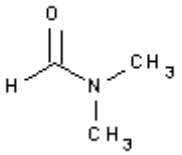
DMF, Formic Acid Dimethylamide

Minimum assay (G.C.): 99.8%

CODE	**161785**
CAS	**68-12-2**
MOLECULAR FORMULA	**$(CH_3)_2NCHO$**
MOLAR MASS	**73.10 g/mol**

Packs sizes (1)

	CODE	PACKAGING SIZE	
	CODE 161785.1612	PACKAGING SIZE 2.5 l	Product discontinued. Alternative 131785.1612 (please check specifications).



Technical data

MELTING POINT:	-61 °C
BOILING POINT:	153 °C

DENSITY:	0.948 kg/l
SOLUBILITY:	Easily soluble in water and organic solvents (20 ° C)
REFRACTIVE INDEX:	20/D 1.4305
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	161785
PRODUCT NAME:	N,N-Dimethylformamide, 99.8% for synthesis
QUALITY NAME:	for synthesis
SPECIFICATIONS:	Minimum assay (G.C.): 99.8% Identity: IR passes test Density 20/4: 0.946-0.950 Water (H2O): 0.1 %

HAZARD PICTOGRAMS

UN:	2265
CLASS/PG:	3/III
ADR:	3/III
IMDG:	3/III
IATA:	3/III
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS08 GHS07

	GHS02
H PHRASES:	H360D H332 H312 H319 H226
P PHRASES:	P260 P264 P270 P305+P351+P338 P302+P352 P304+P340 P308+P313 P312 P337+P313 P363 P405 P501 P280

MASTER NAME:	N,N-Dimethylformamide
SYNONYMS LONG TEXT:	DMF, Formic Acid Dimethylamide
EINECS:	200-679-5
CS:	2924 19 00 90
INDEX NR.:	616-001-00-X

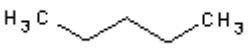
n-Pentane pure

Assay (G.C.): 98%

CODE	**142006**
CAS	**109-66-0**
MOLECULAR FORMULA	**C_5H_{12}**
MOLAR MASS	**72.15 g/mol**

Packs sizes (2)

	CODE	PACKAGING SIZE
	CODE 142006.1612	PACKAGING SIZE 2.5 l
	CODE 142006.0314	PACKAGING SIZE 5 l



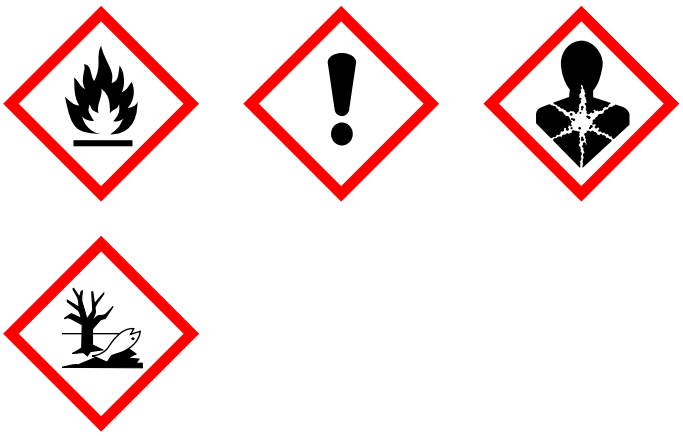
Technical data

MELTING POINT:	-129.7 °C
BOILING POINT:	36.1 °C
DENSITY:	0.626 kg/l

SOLUBILITY:	water 0.36 g/l at 20 °C
REFRACTIVE INDEX:	20/D 1.3577
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	142006
PRODUCT NAME:	n-Pentane pure
QUALITY NAME:	pure
SPECIFICATIONS:	Assay (G.C.): 98% Identity: IR passes test Density 20/4: 0.624-0.628 Acidity: 0.001 meq/g Non-volatile matter: 0.005 % Sulfur compounds (as S): 0.005 % Isopentane (G.C.): 1% Water (H2O): 0.02 % Cu: 0.00002 % Fe: 0.00005 % Ni: 0.00002 % Pb: 0.00002 %

HAZARD PICTOGRAMS



UN:	1265
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II

IATA:	3/II
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS08 GHS07 GHS09
H PHRASES:	H225 H304 EUH066 H336 H411
P PHRASES:	P210 P233 P240 P241 P242 P243 P261 P271 P273 P280 P301+P310 P303+P361+P353 P304+P340 P312 P331 P370+P378 P391 P403+P233 P403+P235 P405 P501

MASTER NAME:	n-Pentane
EINECS:	203-692-4

CS:	2901 10 00 00
INDEX NR.:	601-006-00-1

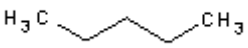
n-Pentane for UV, IR, HPLC

Minimum assay (G.C.): 99.5%

CODE	**362006**
CAS	**109-66-0**
MOLECULAR FORMULA	**C_5H_{12}**
MOLAR MASS	**72.15 g/mol**

Packs sizes (2)

	CODE	PACKAGING SIZE	
	CODE 362006.1611	PACKAGING SIZE 1000 ml	Product active until stock lasts.
	CODE 362006.1612	PACKAGING SIZE 2.5 l	

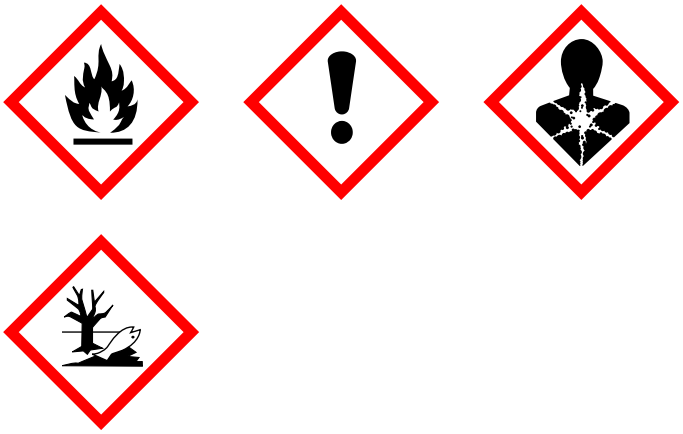


Technical data

MELTING POINT:	-129.7 °C
BOILING POINT:	36.1 °C
DENSITY:	0.626 kg/l

SOLUBILITY:	water 0.36 g/l at 20 °C
REFRACTIVE INDEX:	20/D 1.3577
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	362006
PRODUCT NAME:	n-Pentane for UV, IR, HPLC
QUALITY NAME:	for UV, IR, HPLC
SPECIFICATIONS:	Minimum assay (G.C.): 99.5% Density 20/4: 0.624-0.628 Maximum limit of impurities APHA colour: 10 Acidity: 0.0005 meq/g Alkalinity: 0.0002 meq/g Non-volatile matter: 0.0003 % Water (H2O): 0.005 % Suitability for IR spectrometry:: passes test Fluorescence at 254 nm (as quinine): 1 ppb Fluorescence at 365 nm (as quinine): 1 ppb UV Spectrum (1cm cell; Ref.: water): Transmittance at 195 (Cut off) nm: ≥10% Transmittance at 200 nm: ≥40% Transmittance at 210 nm: ≥70% Transmittance at 215 nm: ≥80% Transmittance at 220 nm: ≥90% Transmittance at 240-400 nm: ≥98% Data of interest in HPLC: P' + 0,25 E: 0.5 Rohrschneider Polarity: 0.0 Eluotropic value e° (Al2O3): 0.00 Sol. H2O in solv. at 20°C: 0.01 For critical jobs, purge with nitrogen. Microfiltered product (0.2 µm) and bottled under nitrogen atmosphere.

HAZARD PICTOGRAMS	
UN:	1265
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS08 GHS07 GHS09
H PHRASES:	H225 H304 EUH066 H336 H411
P PHRASES:	P210 P233 P240 P241 P242 P243 P261

	P271 P273 P280 P301+P310 P303+P361+P353 P304+P340 P312 P331 P370+P378 P391 P403+P233 P403+P235 P405 P501
MASTER NAME:	n-Pentane
EINECS:	203-692-4
CS:	2901 10 00 00
INDEX NR.:	601-006-00-1

Petroleum Ether 190-250°C-Kerosene for analysis

Kerosene

CODE **125286**

CAS **64742-49-0**

Packs sizes (2)

	CODE	PACKAGING SIZE	
	CODE 125286.1612	PACKAGING SIZE 2,5 l	Product active until stock lasts.
	CODE 125286.0314	PACKAGING SIZE 5 l	Product active until stock lasts.

Technical data

BOILING POINT:	190 - 250 °C
DENSITY:	0.797 kg/l
REFRACTIVE INDEX:	20/D 1.44
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	125286
PRODUCT NAME:	Petroleum Ether 190-250°C-Kerosene for analysis
QUALITY NAME:	for analysis

SPECIFICATIONS:	Range of Boiling: 190-250 °C Refractive Index n 20/D: 1.430-1.450 **Maximum limit of impurities** Darkened substances by H2SO4: passes test Residue on ignition (as SO4): 0.001 % Water (H2O): 0.01 %
HAZARD PICTOGRAMS	
UN:	1268
CLASS/PG:	3/III
ADR:	3/III
IMDG:	3/III
IATA:	3/III
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07 GHS08 GHS09
H PHRASES:	H225 H315 H373 H411

P PHRASES:	H361f H304 P210 P233 P240 P241 P242 P243 P260 P264 P273 P280 P301+P310 P302+P352 P303+P361+P353 P314 P321 P331 P332+P313 P362 P370+P378 P391 P403+P235 P405 P501

MASTER NAME:	Petroleum Ether 190-250°C
SYNONYMS LONG TEXT:	Kerosene
EINECS:	265-151-9
CS:	2710 12 25 99
INDEX NR.:	649-328-00-1

Petroleum Ether 100-140°C for analysis

Ligroin, Naphta, Petroleum Benzin

CODE

124809

Packs sizes (1)

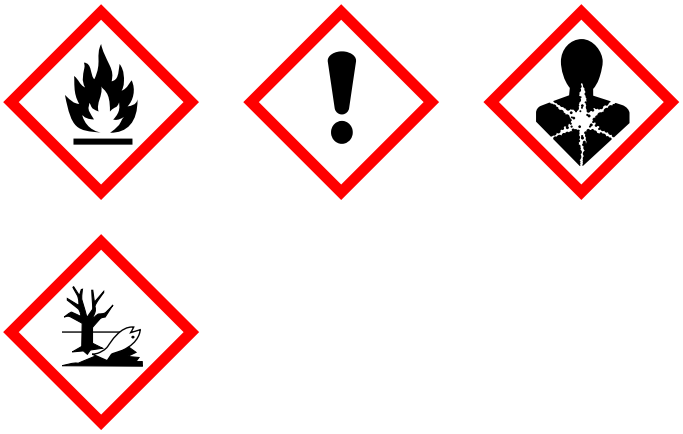
	CODE	PACKAGING SIZE	
	CODE 124809.1611	PACKAGING SIZE 1000 ml	Product active until stock lasts.

Technical data

BOILING POINT:	100 - 140 °C
DENSITY:	0.73 kg/l
SOLUBILITY:	Insoluble in water
PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	124809
PRODUCT NAME:	Petroleum Ether 100-140°C for analysis
QUALITY NAME:	for analysis
SPECIFICATIONS:	Range of Boiling: 100-140°C Maximum limit of impurities APHA colour: 10 Acidity: 0.0003 meq/g Non-volatile matter: 0.001 % Sulfur compounds (as CS2): 0.005 % Aromatic hydrocarbons (as C6H6) (U.V.): 0.1%

Water: 0.015 %

Metals by ICP [in mg/Kg (ppm)]
Ag: 0.05
Al: 0.5
As: 0.05
Au: 0.05
B: 0.02
Ba: 0.1
Be: 0.02
Bi: 0.05
Ca: 0.5
Cd: 0.05
Co: 0.02
Cr: 0.02
Cu: 0.02
Fe: 0.1
Ga: 0.02
Ge: 0.05
Hg: 0.05
In: 0.05
K: 0.1
Li: 0.05
Mg: 0.1
Mn: 0.02
Mo: 0.02
Na: 0.5
Ni: 0.02
P: 0.2
Pb: 0.1
Pt: 0.02
S: 0.2
Sb: 0.02
Si: 0.2
Sn: 0.1
Sr: 0.2
Ti: 0.02
Tl: 0.02
V: 0.02
Zn: 0.1
Zr: 0.02

HAZARD PICTOGRAMS	
UN:	3295
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07 GHS08 GHS09
H PHRASES:	H225 H315 H304 H411 H336
P PHRASES:	P210 P233 P240 P241 P242 P243 P260

	P264 P273 P280 P301+P310 P302+P352 P303+P361+P353 P314 P321 P331 P332+P313 P362 P370+P378 P391 P403+P235 P405 P501
MASTER NAME:	Petroleum Ether 100-140°C
SYNONYMS LONG TEXT:	Ligroin, Naphta, Petroleum Benzin
CS:	2710 12 25 99

Paraffin Cleaner (CE-IVD) for clinical diagnostics

PRODUCT NUMBER

256876

Packs sizes (1)

CODE	PACKAGING SIZE
CODE 256876.3408	PACKAGING SIZE 6X100ml

Technical data

MELTING POINT:	- 10 °C
BOILING POINT:	96 °C
DENSITY:	0.766 kg/l
SOLUBILITY:	water 0.1 g/l at 20 °C
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	256876
PRODUCT NAME:	Paraffin Cleaner (CE-IVD) for clinical diagnostics
QUALITY NAME:	for clinical diagnostics
HEADLINE COMMENT:	Microtomes cleaner used in the processing of human tissue
SPECIFICATIONS:	COMPOSITION: Isoparaffin H: 425 ml

1-Propanol: 75 ml
Identity: passes test

Maximum limit of impurities
Water (H2O): 0.3 %

HAZARD PICTOGRAMS	
UN:	1993
CLASS/PG:	3/III
ADR:	3/III
IMDG:	3/III
IATA:	3/III
WGK:	nwg
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS05 GHS08 GHS02
H PHRASES:	H318 H304 H226 H413
P PHRASES:	P261 P280 P210 P301+P310 P303+P361+P353 P305+P351+P338 P310 P331 P403+P233

	P405 P501
MASTER NAME:	Paraffin Cleaner
CS:	3822 90 00 00

N,N-Dimethylformamide for UV, IR, HPLC, GPC, ACS

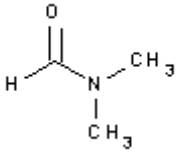
DMF, Formic Acid Dimethylamide

Minimum assay (G.C.): 99.9%

CODE	**361785**
CAS	**68-12-2**
MOLECULAR FORMULA	**$(CH_3)_2NCHO$**
MOLAR MASS	**73.10 g/mol**

Packs sizes (3)

	CODE	PACKAGING SIZE	
	CODE 361785.1611	PACKAGING SIZE 1000 ml	
	CODE 361785.1612	PACKAGING SIZE 2.5 l	
	CODE 361785.0537	PACKAGING SIZE 30 l	Product discontinued. Alternative 361785.1612 (please check specifications).



Technical data

MELTING POINT:	-61 °C
BOILING POINT:	153 °C
DENSITY:	0.948 kg/l
SOLUBILITY:	Easily soluble in water and organic solvents (20 ° C)
REFRACTIVE INDEX:	20/D 1.4305
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	361785
PRODUCT NAME:	N,N-Dimethylformamide for UV, IR, HPLC, GPC, ACS
QUALITY NAME:	for UV, IR, HPLC, GPC, ACS
SPECIFICATIONS:	Minimum assay (G.C.): 99.9% Maximum limit of impurities APHA colour: 10 Acidity: 0.0005 meq/g Alkalinity: 0.0002 meq/g Non-volatile matter: 0.0003 % Water (H2O): 0.05 % Suitability for IR spectrometry:: passes test UV Spectrum (1cm cell; Ref.: water): Transmittance at 270 (Cut off) nm: ≥10% Transmittance at 275 nm: ≥60% Transmittance at 290 nm: ≥80% Transmittance at 300 nm: ≥90% Transmittance at 330-450 nm: ≥98% Data of interest in HPLC: Rohrschneider Polarity: 6.4 Sol. H2O in solv. at 20°C: miscible For critical jobs, purge with nitrogen. Microfiltered product (0.2 µm) and bottled under nitrogen atmosphere.

HAZARD PICTOGRAMS	
UN:	2265
CLASS/PG:	3/III
ADR:	3/III
IMDG:	3/III
IATA:	3/III
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS08 GHS07 GHS02
H PHRASES:	H360D H332 H312 H319 H226
P PHRASES:	P260 P264 P270 P305+P351+P338 P302+P352 P304+P340 P308+P313 P312 P337+P313 P363 P405 P501

P280

MASTER NAME:	N,N-Dimethylformamide
SYNONYMS LONG TEXT:	DMF, Formic Acid Dimethylamide
EINECS:	200-679-5
CS:	2924 19 00 90
INDEX NR.:	616-001-00-X

N,N-Dimethylformamide for Headspace GC

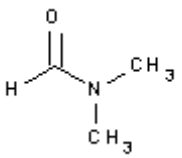
DMF, Formic Acid Dimethylamide

Minimum assay (G.C.): 99.9 %

CODE	**751785**
CAS	**68-12-2**
MOLECULAR FORMULA	**$(CH_3)_2NCHO$**
MOLAR MASS	**73.10 g/mol**

Packs sizes (2)

	CODE	PACKAGING SIZE
	CODE 751785.1611	PACKAGING SIZE 1000 ml
	CODE 751785.1612	PACKAGING SIZE 2.5 l



Technical data

MELTING POINT:	-61 °C
BOILING POINT:	153 °C
DENSITY:	0.948 kg/l
SOLUBILITY:	Easily soluble in water and organic solvents (20 ° C)
REFRACTIVE INDEX:	20/D 1.4305
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	751785
PRODUCT NAME:	N,N-Dimethylformamide for Headspace GC
QUALITY NAME:	for Headspace GC
SPECIFICATIONS:	Minimum assay (G.C.): 99.9 % Identity: IR passes test Refractive Index n 20/D: 1.429 - 1.431 Maximum limit of impurities APHA colour: 10 Suitability for analysis of residual solvents GC/HS : Solvents of class 1 according to ICH: 0.5 ppm Solvents of class 2 according to ICH: 5 ppm Solvents of class 3 according to ICH: 25 ppm Water (H2O): 0.05 % Product bottled under nitrogen atmosphere.

HAZARD PICTOGRAMS

UN:	2265
CLASS/PG:	3/III
ADR:	3/III

IMDG:	3/III
IATA:	3/III
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS08 GHS07 GHS02
H PHRASES:	H360D H332 H312 H319 H226
P PHRASES:	P260 P264 P270 P305+P351+P338 P302+P352 P304+P340 P308+P313 P312 P337+P313 P363 P405 P501 P280

MASTER NAME:	N,N-Dimethylformamide
SYNONYMS LONG TEXT:	DMF, Formic Acid Dimethylamide
EINECS:	200-679-5
CS:	2924 19 00 90
INDEX NR.:	616-001-00-X

Petroleum Ether 40-60°C for synthesis

Ligroin, Naphtha, Petroleum Benzin

CODE

161315

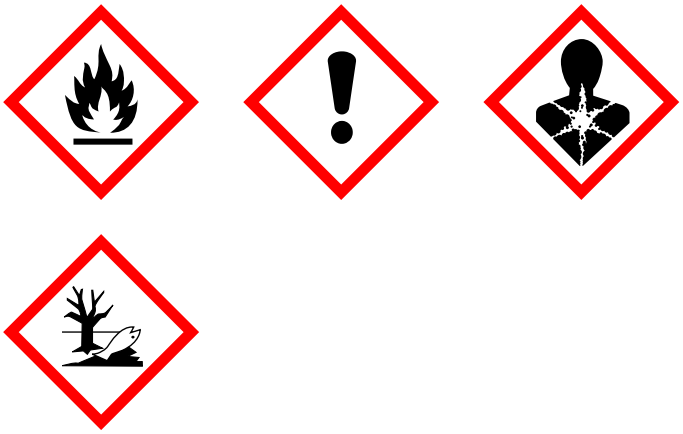
Packs sizes (1)

	CODE	PACKAGING SIZE
	CODE 161315.0616	PACKAGING SIZE 25 l

Technical data

BOILING POINT:	40 - 60 °C
DENSITY:	0.645 kg/l
SOLUBILITY:	Insoluble in water
REFRACTIVE INDEX:	20/D 1.363
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	161315
PRODUCT NAME:	Petroleum Ether 40-60°C for synthesis
QUALITY NAME:	for synthesis
SPECIFICATIONS:	Density 20/4: 0.640-0.655 Range of Boiling: 40-60°C Non-volatile matter: 0.002 % Water (H2O): 0.02 %

HAZARD PICTOGRAMS	
UN:	1268
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07 GHS08 GHS09
H PHRASES:	H225 H304 H336 H411 H315
P PHRASES:	P210 P240 P273 P301+P310 P331 P403+P235 P501

MASTER NAME:	Petroleum Ether 40-60°C
SYNONYMS LONG TEXT:	Ligroin, Naphtha, Petroleum Benzin
CS:	2710 12 25 99
INDEX NR.:	649-328-00-1

Petroleum Ether 50-70°C (Reag. Ph. Eur.) for analysis

Ligroin, Naphtha, Petroleum Benzine

CODE **121862**

CAS **64742-49-0**

Packs sizes (1)

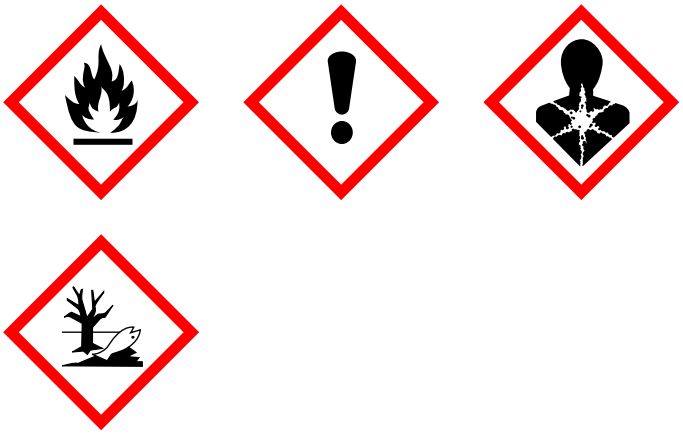
	CODE	PACKAGING SIZE
	CODE 121862.1611	PACKAGING SIZE 1000 ml

Technical data

BOILING POINT:	50 - 70 °C
DENSITY:	0.66 kg/l
PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	121862
PRODUCT NAME:	Petroleum Ether 50-70°C (Reag. Ph. Eur.) for analysis
QUALITY NAME:	for analysis
SPECIFICATIONS:	Range of Boiling: 50-70°C Maximum limit of impurities APHA colour: 10 Acidity: 0.0003 meq/g

Non-volatile matter: 0.001 %
Sulfur compounds (as CS2): 0.005 %
Aromatic hydrocarbons (C6H6) (U.V.): 0.03%
Water (H2O): 0.015 %

Metals by ICP [in mg/Kg (ppm)]
Ag: 0,05
Al: 0,5
As: 0,05
Au: 0,05
B: 0,02
Ba: 0,1
Be: 0,02
Bi: 0,05
Ca: 0,5
Cd: 0,05
Co: 0,02
Cr: 0,02
Cu: 0,02
Fe: 0,1
Ga: 0,02
Ge: 0,05
Hg: 0,05
In: 0,05
K: 0,1
Li: 0,05
Mg: 0,1
Mn: 0,02
Mo: 0,02
Na: 0,5
Ni: 0,02
P: 0,2
Pb: 0,1
Pt: 0,02
S: 0,2
Sb: 0,02
Si: 0,2
Sn: 0,1
Sr: 0,2
Ti: 0,02
Tl: 0,02
V: 0,02
Zn: 0,1
Zr: 0,02

HAZARD PICTOGRAMS	
UN:	3295
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07 GHS08 GHS09
H PHRASES:	H225 H315 H373 H411 H361f H304
P PHRASES:	P210 P233 P240 P241 P242 P243

	P260 P264 P273 P280 P301+P310 P302+P352 P303+P361+P353 P314 P321 P331 P332+P313 P362 P370+P378 P391 P403+P235 P405 P501
MASTER NAME:	Petroleum Ether 50-70°C
SYNONYMS LONG TEXT:	Ligroin, Naphtha, Petroleum Benzine
EINECS:	265-151-9
CS:	2710 12 25 99
INDEX NR.:	649-328-00-1

Petroleum Ether 40-60°C for pesticide analysis

Ligroin, Naphtha, Petroleum Benzin

CODE **321315**

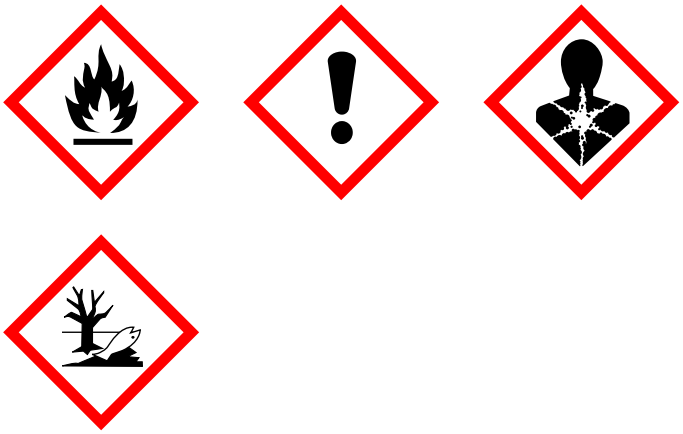
Packs sizes (2)

	CODE	PACKAGING SIZE	
	CODE 321315.1612	PACKAGING SIZE 2.5 l	
	CODE 321315.0515	PACKAGING SIZE 10 l	Product active until stock lasts.

ⓘ Technical data

BOILING POINT:	40 - 60 °C
DENSITY:	0.645 kg/l
SOLUBILITY:	Insoluble in water
REFRACTIVE INDEX:	20/D 1.363
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	321315
PRODUCT NAME:	Petroleum Ether 40-60°C for pesticide analysis
QUALITY NAME:	for pesticide analysis

SPECIFICATIONS:	Density 20/4: 0.640-0.655 Range of Boiling: 40-60°C Maximum limit of impurities APHA colour: 10 Acidity: 0.0003 meq/g Alkalinity: 0.0002 meq/g Non-volatile matter: 0.0005 % Water (H2O): 0.01 % Signal ECD of pesticide (Lindane a DDT) (as Lindane): 5 ng/l
HAZARD PICTOGRAMS	
UN:	1268
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07 GHS08 GHS09
H PHRASES:	

	H225 H304 H336 H411 H315
P PHRASES:	P210 P240 P273 P301+P310 P331 P403+P235 P501

MASTER NAME:	Petroleum Ether 40-60°C
SYNONYMS LONG TEXT:	Ligroin, Naphtha, Petroleum Benzin
CS:	2710 12 25 99
INDEX NR.:	649-328-00-1

Petroleum Ether 40-60°C for analysis, ACS, ISO

Ligroin, Naphtha, Petroleum Benzin

CODE

131315

Packs sizes (7)

	CODE	PACKAGING SIZE
	CODE 131315.1611	PACKAGING SIZE 1000 ml
	CODE 131315.1612	PACKAGING SIZE 2.5 l
	CODE 131315.0314	PACKAGING SIZE 5 l
	CODE 131315.1714	PACKAGING SIZE 5 l
	CODE 131315.0515	PACKAGING SIZE 10 l
	CODE 131315.0537	PACKAGING SIZE 30 l

CODE	PACKAGING SIZE
131315.0619	200 l

Technical data

BOILING POINT:	40 - 60 °C
DENSITY:	0.645 kg/l
SOLUBILITY:	Insoluble in water
REFRACTIVE INDEX:	20/D 1.363
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	131315
PRODUCT NAME:	Petroleum Ether 40-60°C for analysis, ACS, ISO
QUALITY NAME:	for analysis, ACS, ISO
SPECIFICATIONS:	Density 20/4: 0.640-0.655 Range of Boiling: 40-60°C Maximum limit of impurities APHA colour: 10 Acidity: 0.0003 meq/g Non-volatile matter: 0.001 % Sulfur compounds (as CS2): 0.005 % Peroxides: 0.0001 % Bromine index: 1 Aromatic hydrocarbons (C6H6) (U.V.): 0.02% Water (H2O): 0.01 % Metals by ICP [in mg/Kg (ppm)] Ag: 0.05 Al: 0.5 As: 0.05 Au: 0.05 B: 0.02

Ba: 0.1
Be: 0.02
Bi: 0.05
Ca: 0.5
Cd: 0.05
Co: 0.02
Cr: 0.02
Cu: 0.02
Fe: 0.1
Ga: 0.02
Ge: 0.05
Hg: 0.05
In: 0.05
K: 0.1
Li: 0.05
Mg: 0.1
Mn: 0.02
Mo: 0.02
Na: 0.5
Ni: 0.02
P: 0.2
Pb: 0.1
Pt: 0.02
S: 0.2
Sb: 0.02
Si: 0.2
Sn: 0.1
Sr: 0.2
Ti: 0.02
Tl: 0.02
V: 0.02
Zn: 0.1
Zr: 0.02

HAZARD PICTOGRAMS

UN:	1268
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07 GHS08 GHS09
H PHRASES:	H225 H304 H336 H411 H315
P PHRASES:	P210 P240 P273 P301+P310 P331 P403+P235 P501

MASTER NAME:	Petroleum Ether 40-60°C
SYNONYMS LONG TEXT:	Ligroin, Naphtha, Petroleum Benzin
CS:	2710 12 25 99
INDEX NR.:	649-328-00-1

Petroleum Ether 40-60°C (DAB) pharma grade

Ligroin, Naphtha, Petroleum Benzin

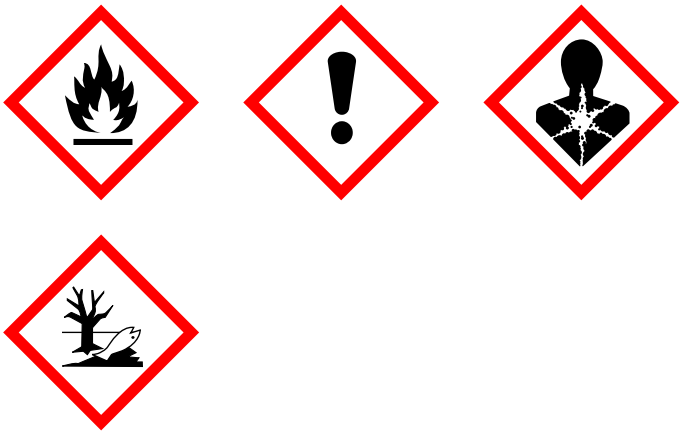
CODE **191315**

Packs sizes (2)

	CODE	PACKAGING SIZE	
	CODE 191315.0314	PACKAGING SIZE 5 l	Product active until stock lasts.
	CODE 191315.0619	PACKAGING SIZE 200 l	

ⓘ Technical data

BOILING POINT:	40 - 60 °C
DENSITY:	0.645 kg/l
SOLUBILITY:	Insoluble in water
REFRACTIVE INDEX:	20/D 1.363
PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	191315
PRODUCT NAME:	Petroleum Ether 40-60°C (DAB) pharma grade
QUALITY NAME:	pharma grade

SPECIFICATIONS:	Density 20/20: 0.642-0.656 Range of Boiling (≥ 75 Vol. %): 40-60°C **Maximum limit of impurities** Appearance: passes test Acidity or alkalinity: passes test Non-volatile matter: 0.001 % Darkened substances by H2SO4: passes test Sulphur compounds and reducing subst: passes test Foreign substances and odours: passes test Benzene: 0.001% n-Hexane: 2% Tetraethyl Lead: passes test
HAZARD PICTOGRAMS	
UN:	1268
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07

	GHS08 GHS09
H PHRASES:	H225 H304 H336 H411 H315
P PHRASES:	P210 P240 P273 P301+P310 P331 P403+P235 P501

MASTER NAME:	Petroleum Ether 40-60°C
SYNONYMS LONG TEXT:	Ligroin, Naphtha, Petroleum Benzin
CS:	2710 12 25 99
INDEX NR.:	649-328-00-1

Polyethylene Glycol 6000 *BioChemica*

CODE	**A1387**
CAS	**25322-68-3**
MOLECULAR FORMULA	**$HO(C_2H_4O)_nH$**

Packs sizes (1)

CODE	PACKAGING SIZE
CODE A1387,5000	PACKAGING SIZE 5 kg

Technical data

PHYSICAL DESCRIPTION:	Solid
PRODUCT CODE:	A1387
PRODUCT NAME:	Polyethylene Glycol 6000 *BioChemica*
SPECIFICATIONS:	Average *M*: 5000 - 7000 Hydroxyl-No.: 16 - 22 pH (5 %; H_2O; 20°C): 4.5 - 7.0 Heavy metals (as Pb): max. 0.005 % Water: max. 1 %
WGK:	1
STORAGE:	RT
EINECS:	

	500-038-2
CS:	34042000

Polyethylene Glycol 400 (BP, Ph. Eur.) pure, pharma grade

Carbowax 400, Macrogol 400, PEG 400

CODE	**142436**
CAS	**25322-68-3**
MOLECULAR FORMULA	**$HO(C_2H_4O)_nH$**

Packs sizes (2)

	CODE	PACKAGING SIZE
	CODE 142436.1611	PACKAGING SIZE 1000 ml
	CODE 142436.1214	PACKAGING SIZE 5 l

Technical data

MELTING POINT:	4 - 8 °C
DENSITY:	1.127 kg/l
PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	142436
PRODUCT NAME:	Polyethylene Glycol 400 (BP, Ph. Eur.) pure, pharma grade

QUALITY NAME:	pure, pharma grade
SPECIFICATIONS:	Identity according to Pharmacopoeias:: passes test pH of 5% solution: 4.5-7.5 Viscosity dynamic at 20°C: 105-130 mPa.s Viscosity kinematic at 20°C: 94-116 cSt Average molecular weight: 380-420 Maximum limit of impurities Appearance of solution: passes test Acidity or alkalinity: passes test Insoluble matter in in H2O: passes test Reducing substances: passes test Residue on ignition (as SO4): 0.1 % Hydroxyl value: 264-300 Residual solvents (Ph.Eur.): passes test 1,4-Dioxan (G.C.): 0.001% Ethylene Glycol and Diethylene Glycol (G.C.): 0.25% Formaldehyde (CH2O): 0.0015% Ethylene Oxide (G.C.): 0.0001% Water (H2O): 2 %
WGK:	1
STORAGE:	Room Temperature.
MASTER NAME:	Polyethylene Glycol 400
SYNONYMS LONG TEXT:	Carbowax 400, Macrogol 400, PEG 400
EINECS:	203-473-3
CS:	3907 29 11 90

ß - Propiolactone 97 % for synthesis

3-Hydroxypropionic acid lactone, ß-Propionolide, Hydracrylic acid ß-lactone

Minimum assay: 97 %

CODE	**166999**
CAS	**57-57-8**
MOLECULAR FORMULA	**$C_3H_4O_2$**
MOLAR MASS	**72.06 g/mol**

Packs sizes (1)

	CODE	PACKAGING SIZE	
	CODE 166999.1211	PACKAGING SIZE 1000 ml	Product discontinued. Please check CAS-No. for alternative or contact our Customer Service.

ⓘ Technical data

MELTING POINT:	-34 °C
BOILING POINT:	161 - 163 °C (dec.)
DENSITY:	1.146 kg/l
SOLUBILITY:	Miscible with alcohol and ether. Miscible with acetone and chloroform.
REFRACTIVE INDEX:	20/D 1.4130
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	166999
PRODUCT NAME:	ß - Propiolactone 97 % for synthesis
QUALITY NAME:	for synthesis
SPECIFICATIONS:	Minimum assay: 97 % Total impurities: 3.0 % Polymeric content: 3.0 % Water (H2O): 1.0 %

HAZARD PICTOGRAMS

UN:	3382
CLASS/PG:	6.1/I
ADR:	6.1/I
IMDG:	6.1/I
IATA:	6.1/I
STORAGE:	Storage below -15°C, in a dry place and away from light
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS06 GHS08
H PHRASES:	H330 H350 H315 H319
P PHRASES:	P260 P284 P305+P351+P338 P501

MASTER NAME:	ß - Propiolactone 97 %
SYNONYMS LONG TEXT:	3-Hydroxypropionic acid lactone, ß-Propionolide, Hydracrylic acid ß-lactone
EINECS:	200-340-1
CS:	2932 20 90 90
INDEX NR.:	606-031-00-1

Phenol-1,1,2,2-Tetrachloroethane 60:40 w/w for analysis

1,1,2,2-Tetrachloroethane-Phenol

Assay (as 1,1,2,2-Tetrachloroethane): 38-42 %

CODE

125396

Packs sizes (1)

CODE	PACKAGING SIZE
CODE 125396.1612	PACKAGING SIZE 2.5 l

Technical data

DENSITY:	1.234 kg/l
PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	125396
PRODUCT NAME:	Phenol-1,1,2,2-Tetrachloroethane 60:40 w/w for analysis
QUALITY NAME:	for analysis
HEADLINE COMMENT:	for determination of the viscosity of polymers, according to ASTM D 4603, ISO 1628
SPECIFICATIONS:	Assay (as 1,1,2,2-Tetrachloroethane): 38-42 % Assay (as Phenol): 58-62 % Water (H2O): 0.05 %

HAZARD PICTOGRAMS	
UN:	2810
CLASS/PG:	6.1/II
ADR:	6.1/II
IMDG:	6.1/II
IATA:	6.1/II
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS06 GHS05 GHS09 GHS08
H PHRASES:	H330 H310 H302 H314 H411 H373 H341
P PHRASES:	P260 P262 P264 P270 P271 P501 P273

	P280 P284 P301+P310 P301+P330+P331 P302+P350 P303+P361+P353 P304+P340 P305+P351+P338 P310 P320 P321 P322 P330 P338 P361 P363 P391 P403+P233 P405
MASTER NAME:	Phenol-1,1,2,2-Tetrachloroethane 60:40 w/w
SYNONYMS LONG TEXT:	1,1,2,2-Tetrachloroethane-Phenol
CS:	3822 90 00 00

Petroleum Ether 60-80°C for analysis

Ligroin, Naphtha, Petroleum Benzine

CODE **122701**

CAS **64742-49-0**

Packs sizes (2)

	CODE	PACKAGING SIZE
	CODE 122701.1611	PACKAGING SIZE 1000 ml
	CODE 122701.0314	PACKAGING SIZE 5 l

ⓘ Technical data

BOILING POINT:	60 - 80 °C
DENSITY:	0.67 kg/l
PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	122701
PRODUCT NAME:	Petroleum Ether 60-80°C for analysis
QUALITY NAME:	for analysis
SPECIFICATIONS:	Range of Boiling: 60-80°C
	Maximum limit of impurities

APHA colour: 10
Acidity: 0.0003 meq/g
Non-volatile matter: 0.001 %
Sulfur compounds (as CS2): 0.005 %
Aromatic hydrocarbons (C6H6) (U.V.): 0.05%
Water (H2O): 0.015 %

Metals by ICP [in mg/Kg (ppm)]
Ag: 0,05
Al: 0,5
As: 0,05
Au: 0,05
B: 0,02
Ba: 0,1
Be: 0,02
Bi: 0,05
Ca: 0,5
Cd: 0,05
Co: 0,02
Cr: 0,02
Cu: 0,02
Fe: 0,1
Ga: 0,02
Ge: 0,05
Hg: 0,05
In: 0,05
K: 0,1
Li: 0,05
Mg: 0,1
Mn: 0,02
Mo: 0,02
Na: 0,5
Ni: 0,02
P: 0,2
Pb: 0,1
Pt: 0,02
S: 0,2
Sb: 0,02
Si: 0,2
Sn: 0,1
Sr: 0,2
Ti: 0,02
Tl: 0,02
V: 0,02

	Zn: 0,1 Zr: 0,02
HAZARD PICTOGRAMS	
UN:	3295
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07 GHS08 GHS09
H PHRASES:	H225 H315 H373 H411 H361f H304
P PHRASES:	P210 P233 P240 P241 P242

	P243 P260 P264 P273 P280 P301+P310 P302+P352 P303+P361+P353 P314 P321 P331 P332+P313 P362 P370+P378 P391 P403+P235 P405 P501

MASTER NAME:	Petroleum Ether 60-80°C
SYNONYMS LONG TEXT:	Ligroin, Naphtha, Petroleum Benzine
EINECS:	265-151-9
CS:	2710 12 25 99
INDEX NR.:	649-328-00-1

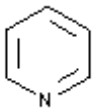
Pyridine, 99% for synthesis

Minimum assay (G.C.): 99%

CODE	**161457**
CAS	**110-86-1**
MOLECULAR FORMULA	**C_5H_5N**
MOLAR MASS	**79.10 g/mol**

Packs sizes (2)

	CODE	PACKAGING SIZE	
	CODE 161457.1611	PACKAGING SIZE 1000 ml	Product discontinued. Alternative 161457.1612 (please check specifications).
	CODE 161457.1612	PACKAGING SIZE 2.5 l	

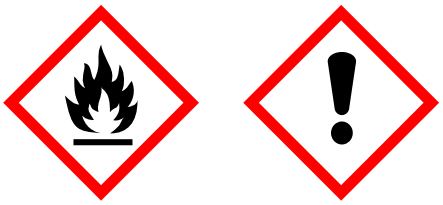


Technical data

MELTING POINT:	-41.6 °C
BOILING POINT:	115.2 °C

DENSITY:	0.982 kg/l
REFRACTIVE INDEX:	20/D 1.5092
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	161457
PRODUCT NAME:	Pyridine, 99% for synthesis
QUALITY NAME:	for synthesis
SPECIFICATIONS:	Minimum assay (G.C.): 99% Identity: IR passes test Density 20/4: 0.981-0.982 Non-volatile matter: 0.001 % Water (H2O): 0.1 %

HAZARD PICTOGRAMS	
UN:	1282
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	2
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225

	H332 H312 H302
P PHRASES:	P210 P233 P240 P241 P242 P501 P243 P261 P264 P270 P271 P280 P301+P312 P302+P352 P303+P361+P353 P304+P340 P312 P322 P330 P363 P370+P378 P403+P235

MASTER NAME:	Pyridine
EINECS:	203-809-9
CS:	2933 31 00 00
INDEX NR.:	613-002-00-7

Purified Water (BP, Ph. Eur.) pure, pharma grade

Hydrogen Oxide

CODE	**141074**
CAS	**7732-18-5**
MOLECULAR FORMULA	**H_2O**
MOLAR MASS	**18.016 g/mol**

Packs sizes (1)

	CODE	PACKAGING SIZE
	CODE 141074.1315	PACKAGING SIZE 10 l

Technical data

MELTING POINT:	0 °C
BOILING POINT:	100 °C
DENSITY:	1.000 kg/l
SOLUBILITY:	Soluble in ethanol
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	141074
PRODUCT NAME:	Purified Water (BP, Ph. Eur.) pure, pharma grade

QUALITY NAME:	pure, pharma grade
SPECIFICATIONS:	Maximum limit of impurities Appearance: passes test Acidity or alkalinity: passes test Non-volatile matter: 0.001 % Chloride (Cl): passes test Ammonium (NH4): 0.00002% Sulfate (SO4): passes test Conductivity at 20°C (measured during production): 4.3 uS.cm-1 Oxidisable substances: passes test Residual solvents (Ph.Eur.): passes test Calcium and Magnesium: passes test Nitrate (NO3): 0.00002% Total aerobic microbial count (TAMC): 100 cfu/ml Microbial contamination:: 100 cfu/ml Heavy metals (as Pb): 0.00001% Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000) Class 1A (Pt, Pd): 10 ppm Class 1B (Ir, Rh, Ru, Os): 10 ppm Class 1C (Mo, Ni, Cr, V): 25 ppm Class 2 (Cu, Mn): 250 ppm Class 3 (Fe, Zn): 1,300 ppm Al: 0.000001 %
WGK:	nwg
STORAGE:	Room Temperature.
MASTER NAME:	Water
SYNONYMS LONG TEXT:	Hydrogen Oxide
EINECS:	231-791-2
CS:	2853 90 10 00

Propionitrile for UV, HPLC

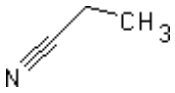
2-Methylacetonitrile, Ethyl Cyanide, Propanenitrile

Minimum assay (G.C.): 99.9%

CODE	**365732**
CAS	**107-12-0**
MOLECULAR FORMULA	**CH_3CH_2CN**
MOLAR MASS	**55.08 g/mol**

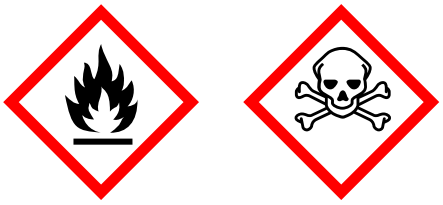
Packs sizes (1)

CODE	PACKAGING SIZE
CODE 365732.1611	PACKAGING SIZE 1000 ml



Technical data

MELTING POINT:	-92 °C
BOILING POINT:	97 °C
DENSITY:	0.782 kg/l
SOLUBILITY:	water 100 g/l at 20 °C
REFRACTIVE INDEX:	20/D 1.366

PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	365732
PRODUCT NAME:	Propionitrile for UV, HPLC
QUALITY NAME:	for UV, HPLC
SPECIFICATIONS:	Minimum assay (G.C.): 99.9% Identity: IR passes test Density 20/4: 0.781-0.783 Maximum limit of impurities APHA colour: 10 Non-volatile matter: 0.0005 % Water (H2O): 0.03 % Fluorescence at 365 nm (as quinine): 2 ppb UV Spectrum (1cm cell; Ref.: water): Transmittance at 235 nm: ≥94% Transmittance at 250 nm: ≥97% Transmittance at 290-400 nm: ≥99% For critical jobs, purge with nitrogen. Microfiltered product (0.2 µm) and bottled under nitrogen atmosphere.
HAZARD PICTOGRAMS	
UN:	2404
CLASS/PG:	3(6.1)/II
ADR:	3(6.1)/II
IMDG:	3(6.1)/II
IATA:	3(6.1)/II
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger

GHS SYMBOLS:	GHS02 GHS06
H PHRASES:	H225 H300 H311
P PHRASES:	P210 P233 P240 P241 P242 P501 P243 P261 P264 P270 P271 P280 P301+P310 P302+P350 P303+P361+P353 P304+P340 P310 P312 P321 P322 P330 P361 P363 P262 P305+P351+P338 P403+P235 P405 P337+P313 P370+P378

MASTER NAME:	Propionitrile
SYNONYMS LONG TEXT:	2-Methylacetonitrile, Ethyl Cyanide, Propanenitrile
EINECS:	203-464-4
CS:	2926 90 70 90

Propionic Anhydride for synthesis

Methylacetic Anhydride, Propanoic Acid Anhydride, Propanoic Anhydride

Assay: 98.5%

CODE	**15A983**
CAS	**123-62-6**
MOLECULAR FORMULA	**$C_6H_{10}O_3$**
MOLAR MASS	**130.14 g/mol**

Packs sizes (1)

	CODE	PACKAGING SIZE
	CODE 15A983.0019	PACKAGING SIZE 197 l

Technical data

MELTING POINT:	-45 °C
BOILING POINT:	167 °C
DENSITY:	1.01 kg/l
SOLUBILITY:	in water at 20°C:breaks down.
REFRACTIVE INDEX:	20/D 1.404
PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	15A983

PRODUCT NAME:	Propionic Anhydride for synthesis
QUALITY NAME:	for synthesis
SPECIFICATIONS:	Assay: 98.5% Identity: IR passes test Acetic anhydride [(CH3CO)2O]: < 0.05 %

HAZARD PICTOGRAMS

UN:	2496
CLASS/PG:	8/III
ADR:	8/III
IMDG:	8/III
IATA:	8/III
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS05
H PHRASES:	H314
P PHRASES:	P260 P264 P280 P301+P330+P331 P303+P361+P353 P501 P304+P340 P305+P351+P338 P310 P321 P338

	P363 P405
MASTER NAME:	Propionic Anhydride
SYNONYMS LONG TEXT:	Methylacetic Anhydride, Propanoic Acid Anhydride, Propanoic Anhydride
EINECS:	204-638-2
CS:	2915 90 70 90
INDEX NR.:	607-010-00-X

Polyethylene Glycol 8000 (USP-NF, BP, Ph. Eur.) pure, pharma grade

Carbowax 8000, Macrogol 8000, PEG 8000

CODE	**146224**
CAS	**25322-68-3**
MOLECULAR FORMULA	**$HO(C_2H_4O)_nH$**

Packs sizes (1)

	CODE	PACKAGING SIZE	
	CODE 146224.0416	PACKAGING SIZE 25 kg	Product discontinued. Please check CAS-No. for alternative or contact our Customer Service.

ⓘ Technical data

MELTING POINT:	55 °C
PHYSICAL DESCRIPTION:	solid
PRODUCT CODE:	146224
PRODUCT NAME:	Polyethylene Glycol 8000 (USP-NF, BP, Ph. Eur.) pure, pharma grade
QUALITY NAME:	pure, pharma grade
SPECIFICATIONS:	Identity according to Pharmacopoeias:: passes test pH of 5% solution: 4.5-7.5 Freezing point: 55-62°C

	Viscosity at 99°C: 470-900 cSt Viscosity of 50% w/w sol. kinematic 20°C: 240-472 cSt Viscosity of 50% w/w sol. dynamic 20°C: 260-510 mPa.s Average molecular weight: 7000-9000 Maximum limit of impurities Appearance of solution: passes test Acidity or alkalinity: passes test Insoluble matter in in H2O: passes test Reducing substances: passes test Residue on ignition (as SO4): 0.1 % Hydroxyl value: 12-16 Residual solvents (Ph.Eur/USP): passes test 1,4-Dioxan (G.C.): 0.001% Formaldehyde (CH2O): 0.0015% Ethylene Oxide (G.C.): 0.0001% Water (H2O): 1 % Heavy metals (as Pb): 0.0005% As: 0.0003 % Elemental impurities according to ICH Q3D guide: No metal catalysts are used in the manufacturing process. Class 1-3 elements are not likely to be present above the limits of ICH Q3D option 1.
STORAGE:	Room Temperature.
MASTER NAME:	Polyethylene Glycol 8000
SYNONYMS LONG TEXT:	Carbowax 8000, Macrogol 8000, PEG 8000
EINECS:	203-473-3
CS:	3907 20 11 90

tert-Butyl Methyl Ether pure

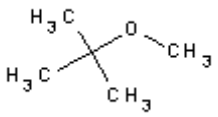
1,1-Dimethyl ethyl methyl ether, 2-Methoxy-2-Methylpropane, Methyl-ter-Butyl Ether, MTB, MTBE

Assay (G.C.): 99.5%

CODE	**143312**
CAS	**1634-04-4**
MOLECULAR FORMULA	**$C_5H_{12}O$**
MOLAR MASS	**88.15 g/mol**

Packs sizes (1)

CODE	PACKAGING SIZE
CODE 143312.1612	PACKAGING SIZE 2.5 l

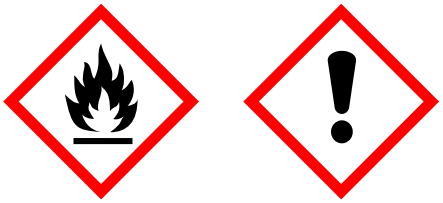


Technical data

MELTING POINT:	-109 °C
BOILING POINT:	55.2 °C
DENSITY:	0.740 kg/l
SOLUBILITY:	water 51 g/l at 20 °C

REFRACTIVE INDEX:	20/D 1.3689
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	143312
PRODUCT NAME:	tert-Butyl Methyl Ether pure
QUALITY NAME:	pure
SPECIFICATIONS:	Assay (G.C.): 99.5% Identity: IR passes test Density 20/4: 0.739-0.742 Acidity: 0.002 meq/g Non-volatile matter: 0.001 % Water (H2O): 0.05 % Cu: 0.00002 % Fe: 0.00002 % Ni: 0.00002 % Pb: 0.00002 %

HAZARD PICTOGRAMS	
UN:	2398
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02

	GHS07
H PHRASES:	H225 H315
P PHRASES:	P210 P233 P240 P241 P242 P243 P264 P280 P302+P352 P303+P361+P353 P321 P332+P313 P362 P370+P378 P403+P235 P501

MASTER NAME:	tert-Butyl Methyl Ether
SYNONYMS LONG TEXT:	1,1-Dimethyl ethyl methyl ether, 2-Methoxy-2-Methylpropane, Methyl-ter-Butyl Ether, MTB, MTBE
EINECS:	216-653-1
CS:	2909 19 90 90
INDEX NR.:	603-181-00-X

tert-Butyl Methyl Ether for UV, IR, HPLC

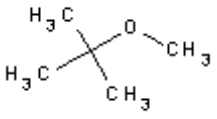
1,1-Dimethyl ethyl methyl ether, 2-Methoxy-2-Methylpropane, Methyl-ter-Butyl Ether, MTB, MTBE

Minimum assay (G.C.): 99.9%

CODE	**363312**
CAS	**1634-04-4**
MOLECULAR FORMULA	**$C_5H_{12}O$**
MOLAR MASS	**88.15 g/mol**

Packs sizes (2)

	CODE	PACKAGING SIZE	
	CODE 363312.1611	PACKAGING SIZE 1000 ml	Product active until stock lasts.
	CODE 363312.1612	PACKAGING SIZE 2.5 l	



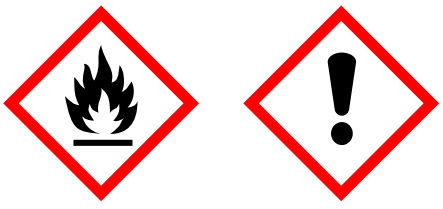
Technical data

MELTING POINT:	-109 °C

BOILING POINT:	55.2 °C
DENSITY:	0.740 kg/l
SOLUBILITY:	water 51 g/l at 20 °C
REFRACTIVE INDEX:	20/D 1.3689
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	363312
PRODUCT NAME:	tert-Butyl Methyl Ether for UV, IR, HPLC
QUALITY NAME:	for UV, IR, HPLC
SPECIFICATIONS:	Minimum assay (G.C.): 99.9% Density 20/4: 0.739-0.742 **Maximum limit of impurities** APHA colour: 10 Acidity: 0.0002 meq/g Alkalinity: 0.0002 meq/g Non-volatile matter: 0.0003 % Water (H2O): 0.03 % Suitability for IR spectrometry:: passes test Fluorescence at 254 nm (as quinine): 2 ppb Fluorescence at 365 nm (as quinine): 2 ppb UV Spectrum (1cm cell; Ref.: water): Transmittance at 208 (Cut off) nm: ≥10% Transmittance at 210 nm: ≥20% Transmittance at 235 nm: ≥50% Transmittance at 240 nm: ≥60% Transmittance at 255 nm: ≥85% Transmittance at 280-400 nm: ≥98% For critical jobs, purge with nitrogen. Microfiltered product (0.2 µm) and bottled under nitrogen atmosphere.

HAZARD PICTOGRAMS



UN:	2398
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H315
P PHRASES:	P210 P233 P240 P241 P242 P243 P264 P280 P302+P352 P303+P361+P353 P321 P332+P313 P362 P370+P378 P403+P235 P501

MASTER NAME:	tert-Butyl Methyl Ether
SYNONYMS LONG TEXT:	1,1-Dimethyl ethyl methyl ether, 2-Methoxy-2-Methylpropane, Methyl-ter-Butyl Ether, MTB, MTBE

EINECS:	216-653-1
CS:	2909 19 90 90
INDEX NR.:	603-181-00-X

tert-Butyl Methyl Ether (Reag. USP, Ph. Eur.) for analysis, ACS

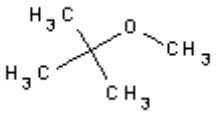
1,1-Dimethyl ethyl methyl ether, 2-Methoxy-2-Methylpropane, Methyl-ter-Butyl Ether, MTB, MTBE

Minimum assay (G.C.): 99.8%

CODE	**133312**
CAS	**1634-04-4**
MOLECULAR FORMULA	**$C_5H_{12}O$**
MOLAR MASS	**88.15 g/mol**

Packs sizes (2)

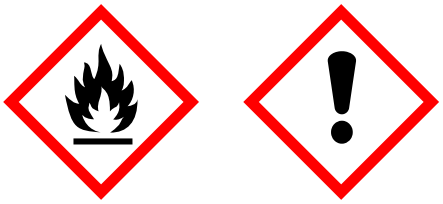
	CODE	PACKAGING SIZE	
	CODE 133312.1611	PACKAGING SIZE 1000 ml	Product active until stock lasts.
	CODE 133312.1612	PACKAGING SIZE 2.5 l	



Technical data

MELTING POINT:	-109 °C
BOILING POINT:	55.2 °C
DENSITY:	0.740 kg/l
SOLUBILITY:	water 51 g/l at 20 °C
REFRACTIVE INDEX:	20/D 1.3689
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	133312
PRODUCT NAME:	tert-Butyl Methyl Ether (Reag. USP, Ph. Eur.) for analysis, ACS
QUALITY NAME:	for analysis, ACS
SPECIFICATIONS:	Minimum assay (G.C.): 99.8% Identity: IR passes test Density 20/4: 0.739-0.742 Refractive Index n 20/D: 1.368-1.370 Maximum limit of impurities APHA colour: 10 Acidity: 0.0005 meq/g Alkalinity: 0.0002 meq/g Non-volatile matter: 0.001 % Peroxides (as H2O2): 0.0001 %* 2-Methyl-2-Propanol (G.C.): 0.05% Aldehydes (as HCHO): 0.001% Methanol (G.C.): 0.01% Water (H2O): 0.03 % UV Spectrum (1cm cell; Ref.: water): Transmittance at 240 nm: ≥50% Transmittance at 255 nm: ≥80% Transmittance at 280 nm: ≥98% Al: 0.0005 % Ca: 0.00005 % Cd: 0.000005 % Co: 0.000002 % Cr: 0.000002 %

	Cu: 0.000002 % Fe: 0.00001 % Mg: 0.00001 % Mn: 0.000002 % Ni: 0.000002 % Pb: 0.00001 % Zn: 0.00001 % * At the moment of the batch analysis.
HAZARD PICTOGRAMS	
UN:	2398
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H315
P PHRASES:	P210 P233 P240 P241 P242 P243 P264 P280 P302+P352

	P303+P361+P353 P321 P332+P313 P362 P370+P378 P403+P235 P501
MASTER NAME:	tert-Butyl Methyl Ether
SYNONYMS LONG TEXT:	1,1-Dimethyl ethyl methyl ether, 2-Methoxy-2-Methylpropane, Methyl-ter-Butyl Ether, MTB, MTBE
EINECS:	216-653-1
CS:	2909 19 90 90
INDEX NR.:	603-181-00-X

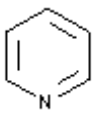
Pyridine (Reag. USP, Ph. Eur.) for analysis, ACS

Minimum assay (G.C.): 99.5%

CODE	**131457**
CAS	**110-86-1**
MOLECULAR FORMULA	**C_5H_5N**
MOLAR MASS	**79.10 g/mol**

Packs sizes (3)

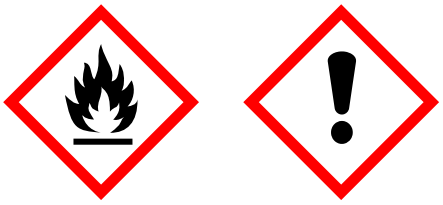
	CODE	PACKAGING SIZE
	131457.1611	1000 ml
	131457.1612	2.5 l
	131457.0716	25 l



Technical data

MELTING POINT:	-41.6 °C
BOILING POINT:	115.2 °C
DENSITY:	0.982 kg/l
REFRACTIVE INDEX:	20/D 1.5092
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	131457
PRODUCT NAME:	Pyridine (Reag. USP, Ph. Eur.) for analysis, ACS
QUALITY NAME:	for analysis, ACS
SPECIFICATIONS:	Minimum assay (G.C.): 99.5% Identity: IR passes test Density 20/4: 0.981-0.982 Maximum limit of impurities APHA colour: 10 Insoluble matter in H2O: passes test Non-volatile matter: 0.001 % Reducing substance to KMnO4 (as O): 0.0005 % Chloride (Cl): 0.0005% Sulfate (SO4): 0.0005% 2-Methilpyridine (G.C.): 0.1% Ammonia (NH3): 0.002% Piperidine (G.C.): 0.01% Water (H2O): 0.1 % Metals by ICP [in mg/Kg (ppm)] Ag: 0.05 Al: 0.5 As: 0.05 Au: 0.05 B: 0.02 Ba: 0.1 Be: 0.02 Bi: 0.05 Ca: 0.5

	Cd: 0.05 Co: 0.02 Cr: 0.02 Cu: 0.02 Fe: 0.1 Ga: 0.02 Ge: 0.05 Hg: 0.05 In: 0.05 K: 0.1 Li: 0.05 Mg: 0.1 Mn: 0.02 Mo: 0.02 Na: 0.5 Ni: 0.02 P: 0.2 Pb: 0.1 Pt: 0.02 S: 0.2 Sb: 0.02 Si: 0.2 Sn: 0.1 Sr: 0.2 Ti: 0.02 Tl: 0.02 V: 0.02 Zr: 0.02
HAZARD PICTOGRAMS	
UN:	1282
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
	2

WGK:	
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H332 H312 H302
P PHRASES:	P210 P233 P240 P241 P242 P501 P243 P261 P264 P270 P271 P280 P301+P312 P302+P352 P303+P361+P353 P304+P340 P312 P322 P330 P363 P370+P378 P403+P235

MASTER NAME:	Pyridine
EINECS:	203-809-9
CS:	2933 31 00 00
INDEX NR.:	613-002-00-7

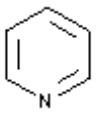
Pyridine dry (max. 0.01% water) (Reag. Ph. Eur.) , ACS

Minimum assay (G.C.): 99.5%

CODE	**481457**
CAS	**110-86-1**
MOLECULAR FORMULA	**C_5H_5N**
MOLAR MASS	**79.10 g/mol**

Packs sizes (1)

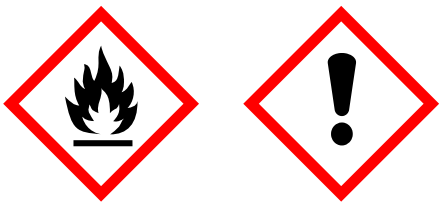
CODE	PACKAGING SIZE
CODE 481457.1611	PACKAGING SIZE 1000 ml



Technical data

MELTING POINT:	-41.6 °C
BOILING POINT:	115.2 °C
DENSITY:	0.982 kg/l
REFRACTIVE INDEX:	20/D 1.5092

PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	481457
PRODUCT NAME:	Pyridine dry (max. 0.01% water) (Reag. Ph. Eur.) , ACS
QUALITY NAME:	, ACS
SPECIFICATIONS:	Minimum assay (G.C.): 99.5% Identity: IR passes test Density 20/4: 0.981-0.982 Maximum limit of impurities APHA colour: 10 Insoluble matter in H2O: passes test Non-volatile matter: 0.001 % Reducing substance to KMnO4 (as O): 0.0005 % Chloride (Cl): 0.001% Sulfate (SO4): 0.001% 2-Methilpyridine (G.C.): 0.1% Ammonia (NH3): 0.002% Piperidine (G.C.): 0.01% Water (H2O): 0.01 % Metals by ICP [in mg/Kg (ppm)] Ag: 0.05 Al: 0.5 As: 0.05 Au: 0.05 B: 0.02 Ba: 0.1 Be: 0.02 Bi: 0.05 Ca: 0.5 Cd: 0.05 Co: 0.02 Cr: 0.02 Cu: 0.02 Fe: 0.1 Ga: 0.02 Ge: 0.05 Hg: 0.05 In: 0.05

	K: 0.1 Li: 0.05 Mg: 0.1 Mn: 0.02 Mo: 0.02 Na: 0.5 Ni: 0.02 P: 0.2 Pb: 0.1 Pt: 0.02 S: 0.2 Sb: 0.02 Si: 0.2 Sn: 0.1 Sr: 0.2 Ti: 0.02 Tl: 0.02 V: 0.02 Zn: 0.1 Zr: 0.02
HAZARD PICTOGRAMS	
UN:	1282
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	2
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07

H PHRASES:	H225 H332 H312 H302
P PHRASES:	P210 P233 P240 P241 P242 P501 P243 P261 P264 P270 P271 P280 P301+P312 P302+P352 P303+P361+P353 P304+P340 P312 P322 P330 P363 P370+P378 P403+P235

MASTER NAME:	Pyridine
EINECS:	203-809-9
CS:	2933 31 00 00
INDEX NR.:	613-002-00-7

Tetrahydrofuran dry (max. 0.0075% water) stabilized with ~ 300 ppm of BHT , ACS

Diethylene Oxide, Tetramethylene Oxide, THF

Minimum assay (G.C.): 99.7%

CODE	**483537**
CAS	**109-99-9**
MOLECULAR FORMULA	**C_4H_8O**
MOLAR MASS	**72.11 g/mol**

Packs sizes (1)

CODE	PACKAGING SIZE
CODE 483537.1612	PACKAGING SIZE 2.5 l

Technical data

MELTING POINT:	-108.5 °C
BOILING POINT:	66 °C
DENSITY:	0.890 kg/l
REFRACTIVE INDEX:	20/D 1.407

PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	483537
PRODUCT NAME:	Tetrahydrofuran dry (max. 0.0075% water) stabilized with ~ 300 ppm of BHT , ACS
QUALITY NAME:	, ACS
SPECIFICATIONS:	Minimum assay (G.C.): 99.7% Identity: IR passes test Density 20/4: 0.888-0.892 Maximum limit of impurities APHA colour: 20 Acidity: 0.0005 meq/g Non-volatile matter: 0.03 % Peroxides (as H2O2): 0.015 %* Acetone (G.C.): 0.05% 1-Butanol (G.C.): 0.05% 1-Propanol (G.C.): 0.05% 2-Propanol (G.C.): 0.05% Water (H2O): 0.0075 % Metals by ICP [in mg/Kg (ppm)] Ag: 0.05 Al: 0.5 As: 0.05 Au: 0.05 B: 0.02 Ba: 0.1 Be: 0.02 Bi: 0.05 Ca: 0.5 Cd: 0.05 Co: 0.02 Cr: 0.02 Cu: 0.02 Fe: 0.1 Ga: 0.02 Ge: 0.05 Hg: 0.05 In: 0.05

	K: 0.1 Li: 0.05 Mg: 0.1 Mn: 0.02 Mo: 0.02 Na: 0.5 Ni: 0.02 P: 0.2 Pb: 0.1 Pt: 0.02 S: 0.2 Sb: 0.02 Si: 0.2 Sn: 0.1 Sr: 0.2 Ti: 0.02 Tl: 0.02 V: 0.02 Zn: 0.1 Zr: 0.02 * At the moment of the batch analysis.
HAZARD PICTOGRAMS	
UN:	2056
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02

H PHRASES:	GHS07 GHS08 H225 EUH019 H319 H335 H351 H302
P PHRASES:	P210 P261 P303+P361+P353 P304+P340 P305+P351+P338 P501

MASTER NAME:	Tetrahydrofuran *stabilized with ~ 300 ppm of BHT
SYNONYMS LONG TEXT:	Diethylene Oxide, Tetramethylene Oxide, THF
EINECS:	203-726-8
CS:	2932 11 00 00
INDEX NR.:	603-025-00-0

Tetrachloroethylene pure

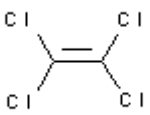
Ethylene Tetrachloride, Perchloroethylene

Assay (G.C.): 99.5%

CODE	**141455**
CAS	**127-18-4**
MOLECULAR FORMULA	**Cl_2CCl_2C**
MOLAR MASS	**165.83 g/mol**

Packs sizes (3)

	CODE	PACKAGING SIZE	
	CODE 141455.1611	PACKAGING SIZE 1000 ml	Product active until stock lasts.
	CODE 141455.1612	PACKAGING SIZE 2.5 l	
	CODE 141455.1714	PACKAGING SIZE 5 l	Product discontinued. Alternative 141455.1612 (please check specifications).

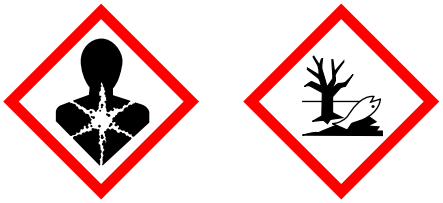


Technical data

MELTING POINT:	-22.35 °C
BOILING POINT:	121.2 °C
DENSITY:	1.622 kg/l
SOLUBILITY:	water 0.15 g/l at 20 °C
REFRACTIVE INDEX:	20/D 1.5056
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	141455
PRODUCT NAME:	Tetrachloroethylene pure
QUALITY NAME:	pure
SPECIFICATIONS:	Assay (G.C.): 99.5% Identity: IR passes test Density 20/4: 1.620-1.624 Acidity: 0.002 meq/g Alkalinity: 0.002 meq/g Non-volatile matter: 0.005 % Chloride (Cl): 0.001% Trichloroethylene (G.C.): 0.1% Water (H2O): 0.02 % Cu: 0.00002 % Fe: 0.00005 % Ni: 0.00002 % Pb: 0.00002 %

HAZARD PICTOGRAMS



UN:	1897

CLASS/PG:	6.1/III
ADR:	6.1/III
IMDG:	6.1/III
IATA:	6.1/III
WGK:	3
STORAGE:	Room Temperature.
SIGNAL WORD:	Warning
GHS SYMBOLS:	GHS08 GHS09
H PHRASES:	H351 H411
P PHRASES:	P201 P202 P273 P281 P308+P313 P501 P391 P405

MASTER NAME:	Tetrachloroethylene
SYNONYMS LONG TEXT:	Ethylene Tetrachloride, Perchloroethylene
EINECS:	204-825-9
CS:	2903 23 00 00
INDEX NR.:	602-028-00-4

Tetrachloroethylene for UV, HPLC, GPC

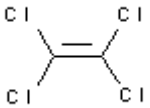
Ethylene Tetrachloride, Perchloroethylene

Minimum assay (G.C.): 99.9%

CODE	**361455**
CAS	**127-18-4**
MOLECULAR FORMULA	**Cl_2CCl_2C**
MOLAR MASS	**165.83 g/mol**

Packs sizes (2)

	CODE	PACKAGING SIZE
	CODE 361455.1611	PACKAGING SIZE 1000 ml
	CODE 361455.1612	PACKAGING SIZE 2.5 l

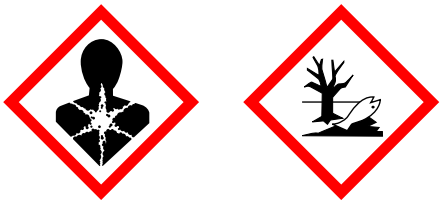


Technical data

MELTING POINT:	-22.35 °C
BOILING POINT:	121.2 °C

DENSITY:	1.622 kg/l
SOLUBILITY:	water 0.15 g/l at 20 °C
REFRACTIVE INDEX:	20/D 1.5056
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	361455
PRODUCT NAME:	Tetrachloroethylene for UV, HPLC, GPC
QUALITY NAME:	for UV, HPLC, GPC
SPECIFICATIONS:	Minimum assay (G.C.): 99.9% Density 20/4: 1.620-1.624 **Maximum limit of impurities** APHA colour: 10 Acidity: 0.0005 meq/g Alkalinity: 0.0004 meq/g Non-volatile matter: 0.0005 % Water (H2O): 0.01 % Fluorescence at 365 nm (as quinine): 2 ppb UV Spectrum (1cm cell; Ref.: water): Transmittance at 290 (Cut off) nm: ≥10% Transmittance at 295 nm: ≥50% Transmittance at 300 nm: ≥80% Transmittance at 305 nm: ≥85% Transmittance at 350 nm: ≥89% Transmittance at 400-500 nm: ≥94% For critical jobs, purge with nitrogen. Microfiltered product (0.2 µm) and bottled under nitrogen atmosphere.

HAZARD PICTOGRAMS	
UN:	1897
CLASS/PG:	

	6.1/III
ADR:	6.1/III
IMDG:	6.1/III
IATA:	6.1/III
WGK:	3
STORAGE:	Room Temperature.
SIGNAL WORD:	Warning
GHS SYMBOLS:	GHS08 GHS09
H PHRASES:	H351 H411
P PHRASES:	P201 P202 P273 P281 P308+P313 P501 P391 P405

MASTER NAME:	Tetrachloroethylene
SYNONYMS LONG TEXT:	Ethylene Tetrachloride, Perchloroethylene
EINECS:	204-825-9
CS:	2903 23 00 00
INDEX NR.:	602-028-00-4

Tetrachloroethylene for oil, grease and total hydrocarbons determination for IR

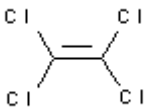
Ethylene Tetrachloride, Perchloroethylene

Minimum assay (G.C.): 99.8 %

CODE	**331455**
CAS	**127-18-4**
MOLECULAR FORMULA	**Cl_2CCl_2C**
MOLAR MASS	**165.83 g/mol**

Packs sizes (1)

CODE	PACKAGING SIZE
CODE 331455.1612	PACKAGING SIZE 2.5 l

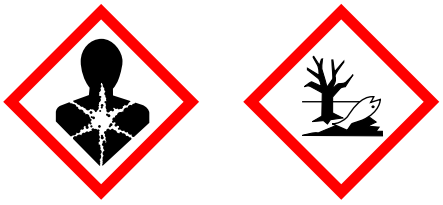


Technical data

MELTING POINT:	-22.35 °C
BOILING POINT:	121.2 °C
DENSITY:	1.622 kg/l

SOLUBILITY:	water 0.15 g/l at 20 °C
REFRACTIVE INDEX:	20/D 1.5056
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	331455
PRODUCT NAME:	Tetrachloroethylene for oil, grease and total hydrocarbons determination for IR
QUALITY NAME:	for IR
SPECIFICATIONS:	Minimum assay (G.C.): 99.8 % Density 20/4: 1.620 - 1.624 **Maximum limit of impurities** APHA colour: 10 Acidity: 0.0005 meq/g Non-volatile matter: 0.001 % Chlorine: passes test Chloride (Cl): 0.0003 % Hydrocarbons (Absorbance of the maximum peak at 2930 cm-1; range 3200-2700 cm-1; refer to Hexadecane: Isooctane: Benzene): 5 ppm Water (H2O): 0.005 % Product bottled under nitrogen atmosphere.

HAZARD PICTOGRAMS	
UN:	1897
CLASS/PG:	6.1/III
ADR:	6.1/III
IMDG:	6.1/III
IATA:	6.1/III

WGK:	3
STORAGE:	Room Temperature.
SIGNAL WORD:	Warning
GHS SYMBOLS:	GHS08 GHS09
H PHRASES:	H351 H411
P PHRASES:	P201 P202 P273 P281 P308+P313 P501 P391 P405

MASTER NAME:	Tetrachloroethylene
SYNONYMS LONG TEXT:	Ethylene Tetrachloride, Perchloroethylene
EINECS:	204-825-9
CS:	2903 23 00 00
INDEX NR.:	602-028-00-4

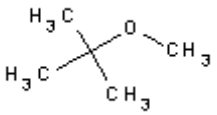
tert.-Butyl methyl ether p. A.

Assay (GC): min. 99.5 %

CODE	**A2621**
CAS	**1634-04-4**
MOLECULAR FORMULA	**$C_5H_{12}O$**
MOLAR MASS	**88.15 g/mol**

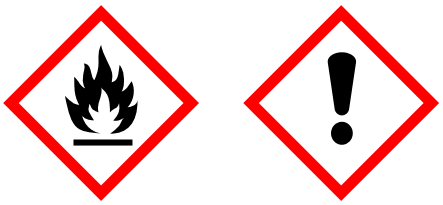
Packs sizes (1)

	CODE	PACKAGING SIZE
	CODE A2621,9195	PACKAGING SIZE 195 L



Technical data

SOLUBILITY:	26 g/L (H_2O)
PHYSICAL DESCRIPTION:	Liquid
PRODUCT CODE:	A2621
PRODUCT NAME:	*tert.*-Butyl methyl ether p. A.

SPECIFICATIONS:	Assay (GC): min. 99.5 % Non-volatile matter: max. 0.001 % Water (K.F.): max. 0.05 % Al: max. 0.0005 % Co: max. 0.00005 % Cu: max. 0.00005 % Fe: max. 0.00001 % Mn: max. 0.00005 % Ni: max. 0.00005 % Pb: max. 0.00001 % Zn: max. 0.00001 % Cr: max. 0.00005 %
HAZARD PICTOGRAMS	
UN:	2398
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1
STORAGE:	RT
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07
H PHRASES:	H225 H315
P PHRASES:	P210 P241 P280 P303+P361+P353

	P403+P235 P501
EINECS:	216-653-1
CS:	29091990
INDEX NR.:	603-181-00-X

Toluene, 99.5% for synthesis

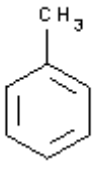
Methylbenzene, Phenylmetane, Toluol

Minimum assay (G.C.): 99.5%

CODE	**161745**
CAS	**108-88-3**
MOLECULAR FORMULA	**$C_6H_5CH_3$**
MOLAR MASS	**92.14 g/mol**

Packs sizes (3)

	CODE	PACKAGING SIZE
	161745.1612	2.5 l
	161745.1714	5 l
	161745.2714	5 l



Technical data

MELTING POINT:	-94.99 °C
BOILING POINT:	110.62 °C
DENSITY:	0.865 kg/l
SOLUBILITY:	water 0.05 g/l at 20 °C
REFRACTIVE INDEX:	20/D 1.4963
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	161745
PRODUCT NAME:	Toluene, 99.5% for synthesis
QUALITY NAME:	for synthesis
SPECIFICATIONS:	Minimum assay (G.C.): 99.5% Identity: IR passes test Acidity: 0.003 meq/g Non-volatile matter: 0.005 % Water (H2O): 0.03 %

HAZARD PICTOGRAMS

UN:	1294
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	

STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07 GHS08
H PHRASES:	H225 H315 H361d H336 H373 H304 H302
P PHRASES:	P201 P210 P241 P260 P304+P340 P301+P310 P303+P361+P353 P235 P501

MASTER NAME:	Toluene
SYNONYMS LONG TEXT:	Methylbenzene, Phenylmetane, Toluol
EINECS:	203-625-9
CS:	2902 30 00 00
INDEX NR.:	601-021-00-3

Toluene / 2-Propanol / Water 100:99:1 v/v/v (Mixture TAN) (ASTM D 664) for analysis

CODE

124860

Packs sizes (2)

	CODE	PACKAGING SIZE
	CODE 124860.1612	PACKAGING SIZE 2.5 l
	CODE 124860.2714	PACKAGING SIZE 5 l

Technical data

DENSITY:	0.822 kg/l
PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	124860
PRODUCT NAME:	Toluene / 2-Propanol / Water 100:99:1 v/v/v (Mixture TAN) (ASTM D 664) for analysis
QUALITY NAME:	for analysis
SPECIFICATIONS:	COMPOSITION: Toluene: 500 ml 2-Propanol: 495 ml Water: 5 ml

Density 20/4: 0.820 - 0.830

Maximum limit of impurities
Acidity value: 0.005

HAZARD PICTOGRAMS

UN:	1993
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07 GHS08
H PHRASES:	H225 H302 H319 H315 H361d H336 H373 H304
P PHRASES:	P280 P301+P310 P321 P303+P361+P353 P305+P351+P338 P501 P330

	P362+P364 P405
MASTER NAME:	Toluene / 2-Propanol / Water 100:99:1 v/v/v (Mixture TAN)
CS:	3822 90 00 00

Tetrahydrofuran, 99.5% stabilized with ~ 300 ppm of BHT for synthesis

Diethylene Oxide, Tetramethylene Oxide, THF

Minimum assay (G.C.): 99.5%

CODE	**163537**
CAS	**109-99-9**
MOLECULAR FORMULA	**C_4H_8O**
MOLAR MASS	**72.11 g/mol**

Packs sizes (3)

	CODE	PACKAGING SIZE	
	CODE 163537.1612	PACKAGING SIZE 2.5 l	Product active until stock lasts.
	CODE 163537.1714	PACKAGING SIZE 5 l	
	CODE 163537.0616	PACKAGING SIZE 25 l	

Technical data

MELTING POINT:	-108.5 °C
BOILING POINT:	66 °C
DENSITY:	0.890 kg/l
REFRACTIVE INDEX:	20/D 1.407
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	163537
PRODUCT NAME:	Tetrahydrofuran, 99.5% stabilized with ~ 300 ppm of BHT for synthesis
QUALITY NAME:	for synthesis
SPECIFICATIONS:	Minimum assay (G.C.): 99.5% Identity: IR passes test Non-volatile matter: 0.03 % Peroxides (as H2O2): 0.05 %* Water (H2O): 0.03 % * At the moment of the batch analysis.

HAZARD PICTOGRAMS

UN:	2056
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II

WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07 GHS08
H PHRASES:	H225 EUH019 H319 H335 H351 H302
P PHRASES:	P210 P261 P303+P361+P353 P304+P340 P305+P351+P338 P501

MASTER NAME:	Tetrahydrofuran *stabilized with ~ 300 ppm of BHT
SYNONYMS LONG TEXT:	Diethylene Oxide, Tetramethylene Oxide, THF
EINECS:	203-726-8
CS:	2932 11 00 00
INDEX NR.:	603-025-00-0

Tetrahydrofuran stabilized with ~ 300 ppm of BHT (Reag. USP) for analysis, ACS

Diethylene Oxide, Tetramethylene Oxide, THF

Minimum assay (G.C.): 99.5%

CODE	**133537**
CAS	**109-99-9**
MOLECULAR FORMULA	**C_4H_8O**
MOLAR MASS	**72.11 g/mol**

Packs sizes (4)

	CODE	PACKAGING SIZE	
	CODE 133537.1611	PACKAGING SIZE 1000 ml	
	CODE 133537.1612	PACKAGING SIZE 2.5 l	
	CODE 133537.0314	PACKAGING SIZE 5 l	Product discontinued. Alternative 133537.1612 (please check specifications).
	CODE 133537.0537	PACKAGING SIZE 30 l	

Technical data

MELTING POINT:	-108.5 °C
BOILING POINT:	66 °C
DENSITY:	0.890 kg/l
REFRACTIVE INDEX:	20/D 1.407
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	133537
PRODUCT NAME:	Tetrahydrofuran stabilized with ~ 300 ppm of BHT (Reag. USP) for analysis, ACS
QUALITY NAME:	for analysis, ACS
SPECIFICATIONS:	Minimum assay (G.C.): 99.5% Identity: IR passes test Maximum limit of impurities APHA colour: 20 Acidity: 0.0005 meq/g Non-volatile matter: 0.03 % Peroxides (as H2O2): 0.015 %* Acetone (G.C.): 0.05% 1-Butanol (G.C.): 0.05% 1-Propanol (G.C.): 0.05% 2-Propanol (G.C.): 0.05% Water (H2O): 0.05 % Metals by ICP [in mg/Kg (ppm)] Ag: 0.05 Al: 0.5

As: 0.05
Au: 0.05
B: 0.02
Ba: 0.1
Be: 0.02
Bi: 0.05
Ca: 0.5
Cd: 0.05
Co: 0.02
Cr: 0.02
Cu: 0.02
Fe: 0.1
Ga: 0.02
Ge: 0.05
Hg: 0.05
In: 0.05
K: 0.1
Li: 0.05
Mg: 0.1
Mn: 0.02
Mo: 0.02
Na: 0.5
Ni: 0.02
P: 0.2
Pb: 0.1
Pt: 0.02
S: 0.2
Sb: 0.02
Si: 0.2
Sn: 0.1
Sr: 0.2
Ti: 0.02
Tl: 0.02
V: 0.02
Zn: 0.1
Zr: 0.02
* At the moment of the batch analysis.

HAZARD PICTOGRAMS

UN: 2056

CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07 GHS08
H PHRASES:	H225 EUH019 H319 H335 H351 H302
P PHRASES:	P210 P261 P303+P361+P353 P304+P340 P305+P351+P338 P501

MASTER NAME:	Tetrahydrofuran *stabilized with ~ 300 ppm of BHT
SYNONYMS LONG TEXT:	Diethylene Oxide, Tetramethylene Oxide, THF
EINECS:	203-726-8
CS:	2932 11 00 00
INDEX NR.:	603-025-00-0

Tetrahydrofuran for UV, IR, HPLC, GPC

Diethylene Oxide, Tetramethylene Oxide, THF

Minimum assay (G.C.): 99.9%

CODE	**361736**
CAS	**109-99-9**
MOLECULAR FORMULA	**C_4H_8O**
MOLAR MASS	**72.11 g/mol**

Packs sizes (2)

	CODE	PACKAGING SIZE
	CODE 361736.1611	PACKAGING SIZE 1000 ml
	CODE 361736.1612	PACKAGING SIZE 2.5 l

Technical data

MELTING POINT:	-108.5 °C
BOILING POINT:	66 °C

DENSITY:	0.890 kg/l
REFRACTIVE INDEX:	20/D 1.407
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	361736
PRODUCT NAME:	Tetrahydrofuran for UV, IR, HPLC, GPC
QUALITY NAME:	for UV, IR, HPLC, GPC
SPECIFICATIONS:	Minimum assay (G.C.): 99.9% Density 20/4: 0.888-0.892 Maximum limit of impurities APHA colour: 10 Acidity: 0.0002 meq/g Alkalinity: 0.0002 meq/g Non-volatile matter: 0.0002 % Peroxides (as H2O2): 0.01 %* Water (H2O): 0.02 % Suitability for IR spectrometry:: passes test UV Spectrum (1cm cell; Ref.: water): Transmittance at 215 (Cut off) nm: ≥10% Transmittance at 240 nm: ≥30% Transmittance at 245 nm: ≥50% Transmittance at 260 nm: ≥70% Transmittance at 265 nm: ≥80% Transmittance at 275 nm: ≥90% Transmittance at 310-450 nm: ≥99% Data of interest in HPLC: Rohrschneider Polarity: 4.0 Eluotropic value e° (Al2O3): 0.57 Sol. H2O in solv. at 20°C: miscible For critical jobs, purge with nitrogen. Microfiltered product (0.2 µm) and bottled under nitrogen atmosphere. * At the moment of the batch analysis.

HAZARD PICTOGRAMS	
UN:	2056
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07 GHS08
H PHRASES:	H225 EUH019 H319 H335 H351 H302
P PHRASES:	P210 P233 P243 P305+P351+P338 P501

MASTER NAME:	Tetrahydrofuran
SYNONYMS LONG TEXT:	Diethylene Oxide, Tetramethylene Oxide, THF
EINECS:	203-726-8

CS:	2932 11 00 00
INDEX NR.:	603-025-00-0

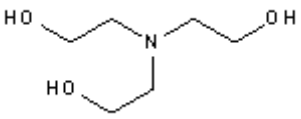
Triethanolamine *BioChemica*

Assay (GC): min. 99 %

CODE	**A1423**
CAS	**102-71-6**
MOLECULAR FORMULA	**$C_6H_{15}NO_3$**
MOLAR MASS	**149.19 g/mol**

Packs sizes (1)

	CODE	PACKAGING SIZE
	CODE A1423,9210	PACKAGING SIZE 210 kg



Technical data

REFRACTIVE INDEX:	n20/D 1.481 - 1.486
PHYSICAL DESCRIPTION:	Liquid
PRODUCT CODE:	A1423
PRODUCT NAME:	Triethanolamine *BioChemica*

SPECIFICATIONS:	Assay (GC): min. 99 % Diethanolamine: max. 0.5 % Ethanolamine: max. 0.1 % Chloride: max. 0.0001 % Sulfate: max. 0.005 % Fe: max. 0.0001 % Pb: max. 0.0001 %
WGK:	1
STORAGE:	RT
EINECS:	203-049-8
CS:	29221500

Toluene (Reag. USP, Ph. Eur.) for analysis, ACS, ISO

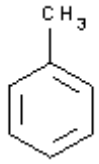
Methylbenzene, Phenylmetane, Toluol

Minimum assay (G.C.): 99.8%

CODE	**131745**
CAS	**108-88-3**
MOLECULAR FORMULA	**$C_6H_5CH_3$**
MOLAR MASS	**92.14 g/mol**

Packs sizes (4)

	CODE	PACKAGING SIZE
	CODE 131745.1611	PACKAGING SIZE 1000 ml
	CODE 131745.1612	PACKAGING SIZE 2.5 l
	CODE 131745.0314	PACKAGING SIZE 5 l
	CODE 131745.0616	PACKAGING SIZE 25 l



Technical data

MELTING POINT:	-94.99 °C
BOILING POINT:	110.62 °C
DENSITY:	0.865 kg/l
SOLUBILITY:	water 0.05 g/l at 20 °C
REFRACTIVE INDEX:	20/D 1.4963
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	131745
PRODUCT NAME:	Toluene (Reag. USP, Ph. Eur.) for analysis, ACS, ISO
QUALITY NAME:	for analysis, ACS, ISO
SPECIFICATIONS:	Minimum assay (G.C.): 99.8% Identity: IR passes test Density 20/20: 0.865-0.870 Maximum limit of impurities APHA colour: 10 Acidity: 0.0001 meq/g Alkalinity: 0.0002 meq/g Non-volatile matter: 0.001 % Darkened substances by H2SO4: passes test Sulfur compounds (as CS2): 0.0003 % Benzene (G.C.): 0.05% Ethylbenzene (G.C.): 0.05% m-Xylene (G.C.): 0.05%

o-Xylene (G.C.): 0.01%
p-Xylene (G.C.): 0.01%
Thiophene (C4H4S): 0.0002%
Water (H2O): 0.03 %

Metals by ICP [in mg/Kg (ppm)]
Ag: 0.05
Al: 0.5
As: 0.05
Au: 0.05
B: 0.02
Ba: 0.1
Be: 0.02
Bi: 0.05
Ca: 0.1
Cd: 0.05
Co: 0.02
Cr: 0.02
Cu: 0.02
Fe: 0.1
Ga: 0.02
Ge: 0.05
Hg: 0.05
In: 0.05
K: 0.1
Li: 0.05
Mg: 0.1
Mn: 0.02
Mo: 0.02
Na: 0.5
Ni: 0.02
P: 0.2
Pb: 0.1
Pt: 0.02
S: 0.5
Sb: 0.02
Si: 0.2
Sn: 0.1
Sr: 0.2
Ti: 0.02
Tl: 0.02
V: 0.02
Zn: 0.1
Zr: 0.02

HAZARD PICTOGRAMS	
UN:	1294
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	2
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07 GHS08
H PHRASES:	H225 H315 H361d H336 H373 H304 H302
P PHRASES:	P201 P210 P241 P260 P304+P340 P301+P310 P303+P361+P353 P235 P501

MASTER NAME:	Toluene

SYNONYMS LONG TEXT:	Methylbenzene, Phenylmetane, Toluol
EINECS:	203-625-9
CS:	2902 30 00 00
INDEX NR.:	601-021-00-3

Toluene for UV, IR, HPLC, GPC, ACS

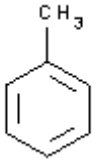
Methylbenzene, Phenylmetane, Toluol

Minimum assay (G.C.): 99.9%

CODE	**361745**
CAS	**108-88-3**
MOLECULAR FORMULA	**$C_6H_5CH_3$**
MOLAR MASS	**92.14 g/mol**

Packs sizes (2)

	CODE	PACKAGING SIZE
	CODE 361745.1611	PACKAGING SIZE 1000 ml
	CODE 361745.1612	PACKAGING SIZE 2.5 l



Technical data

MELTING POINT:	-94.99 °C

BOILING POINT:	110.62 °C
DENSITY:	0.865 kg/l
SOLUBILITY:	water 0.05 g/l at 20 °C
REFRACTIVE INDEX:	20/D 1.4963
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	361745
PRODUCT NAME:	Toluene for UV, IR, HPLC, GPC, ACS
QUALITY NAME:	for UV, IR, HPLC, GPC, ACS
SPECIFICATIONS:	Minimum assay (G.C.): 99.9% Maximum limit of impurities APHA colour: 10 Acidity: 0.0001 meq/g Alkalinity: 0.0002 meq/g Non-volatile matter: 0.0003 % Darkened substances by H2SO4: passes test Sulfur compounds (as CS2): 0.0003 % Thiophene (C4H4S): 0.0002% Water (H2O): 0.01 % Suitability for IR spectrometry:: passes test Fluorescence at 365 nm (as quinine): 2 ppb UV Spectrum (1cm cell; Ref.: water): Transmittance at 285 (Cut off) nm: ≥10% Transmittance at 288 nm: ≥32% Transmittance at 290 nm: ≥50% Transmittance at 293 nm: ≥63% Transmittance at 300 nm: ≥80% Transmittance at 310 nm: ≥90% Transmittance at 350-450 nm: ≥98% Data of interest in HPLC: P' + 0,25 E: 2.9 Rohrschneider Polarity: 2.4 Eluotropic value e° (Al2O3): 0.29 Sol. H2O in solv. at 20°C: 0.046 For critical jobs, purge with nitrogen. Microfiltered product (0.2 µm) and bottled under

	nitrogen atmosphere.
HAZARD PICTOGRAMS	
UN:	1294
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	2
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07 GHS08
H PHRASES:	H225 H315 H361d H336 H373 H304 H302
P PHRASES:	P201 P210 P241 P260 P304+P340 P301+P310 P303+P361+P353 P235 P501

MASTER NAME:	Toluene
SYNONYMS LONG TEXT:	Methylbenzene, Phenylmetane, Toluol
EINECS:	203-625-9
CS:	2902 30 00 00
INDEX NR.:	601-021-00-3

Toluene for pesticide analysis

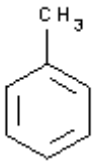
Methylbenzene, Phenylmetane, Toluol

Minimum assay (G.C.): 99.8%

CODE	**321745**
CAS	**108-88-3**
MOLECULAR FORMULA	**$C_6H_5CH_3$**
MOLAR MASS	**92.14 g/mol**

Packs sizes (1)

CODE	PACKAGING SIZE
CODE 321745.1612	PACKAGING SIZE 2.5 l



Technical data

MELTING POINT:	-94.99 °C
BOILING POINT:	110.62 °C
DENSITY:	0.865 kg/l
SOLUBILITY:	water 0.05 g/l at 20 °C

REFRACTIVE INDEX:	20/D 1.4963
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	321745
PRODUCT NAME:	Toluene for pesticide analysis
QUALITY NAME:	for pesticide analysis
SPECIFICATIONS:	Minimum assay (G.C.): 99.8% Identity: IR passes test **Maximum limit of impurities** APHA colour: 10 Acidity: 0.0001 meq/g Alkalinity: 0.0002 meq/g Non-volatile matter: 0.0005 % Thiophene (C4H4S): 0.0002% Water (H2O): 0.02 % Signal ECD of pesticide (Lindane a DDT) (as Lindane): 5 ng/l Signal FID of 2-Octanol to Tetradecanol (as 2-Octanol): passes test

HAZARD PICTOGRAMS	
UN:	1294
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	2
STORAGE:	Room Temperature.

SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07 GHS08
H PHRASES:	H225 H315 H361d H336 H373 H304 H302
P PHRASES:	P201 P210 P241 P260 P304+P340 P301+P310 P303+P361+P353 P235 P501

MASTER NAME:	Toluene
SYNONYMS LONG TEXT:	Methylbenzene, Phenylmetane, Toluol
EINECS:	203-625-9
CS:	2902 30 00 00
INDEX NR.:	601-021-00-3

Toluene dry (max. 0.005% water) , ACS, ISO

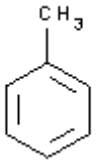
Methylbenzene, Phenylmetane, Toluol

Minimum assay (G.C.): 99.5%

CODE	**481745**
CAS	**108-88-3**
MOLECULAR FORMULA	**$C_6H_5CH_3$**
MOLAR MASS	**92.14 g/mol**

Packs sizes (1)

	CODE	PACKAGING SIZE	
	CODE 481745.1611	PACKAGING SIZE 1000 ml	Product active until stock lasts.



Technical data

MELTING POINT:	-94.99 °C
BOILING POINT:	110.62 °C
DENSITY:	0.865 kg/l

SOLUBILITY:	water 0.05 g/l at 20 °C
REFRACTIVE INDEX:	20/D 1.4963
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	481745
PRODUCT NAME:	Toluene dry (max. 0.005% water) , ACS, ISO
QUALITY NAME:	, ACS, ISO
SPECIFICATIONS:	Minimum assay (G.C.): 99.5% Identity: IR passes test Density 20/4: 0.863-0.866 Maximum limit of impurities APHA colour: 10 Acidity: 0.0001 meq/g Alkalinity: 0.0002 meq/g Non-volatile matter: 0.001 % Darkened substances by H2SO4: passes test Sulfur compounds (as CS2): 0.0003 % Benzene (G.C.): 0.05% Ethylbenzene (G.C.): 0.05% m-Xylene (G.C.): 0.05% o-Xylene (G.C.): 0.01% p-Xylene (G.C.): 0.01% Thiophene (C4H4S): 0.0002% Water (H2O): 0.005 % Metals by ICP [in mg/Kg (ppm)] Ag: 0.05 Al: 0.5 As: 0.05 Au: 0.05 B: 0.02 Ba: 0.1 Be: 0.02 Bi: 0.05 Ca: 0.1 Cd: 0.05 Co: 0.02 Cr: 0.02

Cu: 0.02
Fe: 0.1
Ga: 0.02
Ge: 0.05
Hg: 0.05
In: 0.05
K: 0.1
Li: 0.05
Mg: 0.1
Mn: 0.02
Mo: 0.02
Na: 0.5
Ni: 0.02
P: 0.2
Pb: 0.1
Pt: 0.02
S: 0.5
Sb: 0.02
Si: 0.2
Sn: 0.1
Sr: 0.2
Ti: 0.02
Tl: 0.02
V: 0.02
Zn: 0.1
Zr: 0.02

HAZARD PICTOGRAMS	
UN:	1294
CLASS/PG:	3/II
ADR:	3/II
IMDG:	3/II
IATA:	3/II
WGK:	2

STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07 GHS08
H PHRASES:	H225 H315 H361d H336 H373 H304 H302
P PHRASES:	P201 P210 P241 P260 P304+P340 P301+P310 P303+P361+P353 P235 P501

MASTER NAME:	Toluene
SYNONYMS LONG TEXT:	Methylbenzene, Phenylmetane, Toluol
EINECS:	203-625-9
CS:	2902 30 00 00
INDEX NR.:	601-021-00-3

Triethylamine (Reag. USP) for analysis

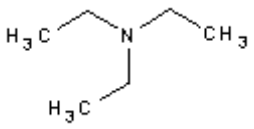
N,N-Diethylethanamine

Minimum assay (G.C.): 99.5%

CODE	**123542**
CAS	**121-44-8**
MOLECULAR FORMULA	**$C_6H_{15}N$**
MOLAR MASS	**101.19 g/mol**

Packs sizes (3)

	CODE	PACKAGING SIZE
	CODE 123542.1611	PACKAGING SIZE 1000 ml
	CODE 123542.16153	PACKAGING SIZE 4 l
	CODE 123542.0819	PACKAGING SIZE 200 l



Technical data

MELTING POINT:	-115 °C
BOILING POINT:	90 °C
DENSITY:	0.727 kg/l
SOLUBILITY:	water 133 g/l at 20 °C
REFRACTIVE INDEX:	20/D 1.4003
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	123542
PRODUCT NAME:	Triethylamine (Reag. USP) for analysis
QUALITY NAME:	for analysis
SPECIFICATIONS:	Minimum assay (G.C.): 99.5% Identity: IR passes test Density 20/4: 0.725-0.729 Range of Boiling: 89-90 °C Maximum limit of impurities ABS λ 285 nm 1% sol. in CH3OH/CHCl4: 0.01 Non-volatile matter: 0.005 % Diethylamine (G.C.): 0.05% Ethanol (G.C.): 0.05% Water (H2O): 0.1 % Ca: 0.00005 % Cd: 0.000005 % Co: 0.000002 % Cr: 0.000002 % Cu: 0.000002 % Fe: 0.00001 % Mg: 0.00001 % Mn: 0.000002 % Ni: 0.000002 % Pb: 0.00001 % Zn: 0.00001 %

HAZARD PICTOGRAMS	
UN:	1296
CLASS/PG:	3(8)/II
ADR:	3(8)/II
IMDG:	3(8)/II
IATA:	3(8)/II
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS06 GHS05
H PHRASES:	H225 H302 H311+H331 H314 H335
P PHRASES:	P280 P303+P361+P353 P305+P351+P338 P310 P321 P361 P405 P501

MASTER NAME:	Triethylamine
SYNONYMS LONG TEXT:	N,N-Diethylethanamine

EINECS:	204-469-4
CS:	2921 19 99 90
INDEX NR.:	612-004-00-5

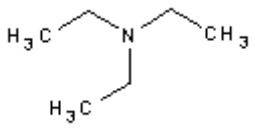
Triethylamine *BioChemica*

Assay (GC): min. 99 %

CODE	**A3845**
CAS	**121-44-8**
MOLECULAR FORMULA	**$C_6H_{15}N$**
MOLAR MASS	**101.19 g/mol**

Packs sizes (1)

	CODE	PACKAGING SIZE
	CODE A3845,9190	PACKAGING SIZE 190 L



Technical data

PHYSICAL DESCRIPTION:	Liquid
PRODUCT CODE:	A3845
PRODUCT NAME:	Triethylamine *BioChemica*
SPECIFICATIONS:	Assay (GC): min. 99 % IR spectrum: passes test

	Non-volatile matter: max. 0.005 % Water (K.F.): max. 0.2 %
HAZARD PICTOGRAMS	
UN:	1296
CLASS/PG:	3(8)/II
ADR:	3(8)/II
IMDG:	3(8)/II
IATA:	3(8)/II
WGK:	1
STORAGE:	RT
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS05 GHS06
H PHRASES:	H225 H302 H311+H331 H314 H335
P PHRASES:	P280 P303+P361+P353 P305+P351+P338 P310 P321 P361+P364 P405 P501
EINECS:	204-469-4

CS:	29211999
INDEX NR.:	612-004-00-5

Triethanolamine (USP-NF) pure, pharma grade

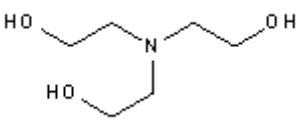
2,2',2"-Nitrilotriethanol, 2,2',2"-Trihydroxytriethylamine, TEA, Tris (2-Hydroxyethyl)Amine, Trolamine

Assay (Acidim.): 99.0-107.4%

CODE	**141750**
CAS	**102-71-6**
MOLECULAR FORMULA	**$C_6H_{15}NO_3$**
MOLAR MASS	**149.19 g/mol**

Packs sizes (3)

	CODE	PACKAGING SIZE	
	CODE 141750.1611	PACKAGING SIZE 1000 ml	Product active until stock lasts.
	CODE 141750.1214	PACKAGING SIZE 5 l	Product discontinued. Alternative 191750.1214 (please check specifications).
	CODE 141750.0716	PACKAGING SIZE 25 l	Product discontinued. Alternative 191750.0716 (please check specifications).



Technical data

MELTING POINT:	21 °C
BOILING POINT:	335.4 °C
DENSITY:	1.124 kg/l
REFRACTIVE INDEX:	20/D 1.4852

PRODUCT CODE:	141750
PRODUCT NAME:	Triethanolamine (USP-NF) pure, pharma grade
QUALITY NAME:	pure, pharma grade
SPECIFICATIONS:	Assay (Acidim.): 99.0-107.4% Identity according to Pharmacopoeias:: passes test Density 25/25: 1.120-1.128 Refractive Index n 20/D: 1.482-1.485 Maximum limit of impurities Residue on ignition (as SO4): 0.05 % Total bases: passes test Related substances: passes test Residual solvents (Ph.Eur/USP): passes test Water (H2O): 0.15 % Heavy metals (as Pb): 0.0005%

WGK:	1
STORAGE:	Storage away from direct light.

MASTER NAME:	Triethanolamine
SYNONYMS LONG TEXT:	2,2',2"-Nitrilotriethanol, 2,2',2"-Trihydroxytriethylamine, TEA, Tris (2-Hydroxyethyl)Amine, Trolamine
EINECS:	203-049-8
CS:	2922 15 00 00

Triethanolamine for analysis

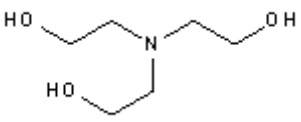
2,2',2"-Nitrilotriethanol, 2,2',2"-Trihydroxytriethylamine, TEA, Tris (2-Hydroxyethyl)Amine, Trolamine

Minimum assay (Acidim.): 99.0%

CODE	**121750**
CAS	**102-71-6**
MOLECULAR FORMULA	**$C_6H_{15}NO_3$**
MOLAR MASS	**149.19 g/mol**

Packs sizes (1)

	CODE	PACKAGING SIZE	
	CODE 121750.1611	PACKAGING SIZE 1000 ml	Product active until stock lasts.



Technical data

MELTING POINT:	21 °C
BOILING POINT:	335.4 °C
DENSITY:	1.124 kg/l
REFRACTIVE INDEX:	20/D 1.4852

PRODUCT CODE:	121750
PRODUCT NAME:	Triethanolamine for analysis
QUALITY NAME:	for analysis
SPECIFICATIONS:	Minimum assay (Acidim.): 99.0% Identity: IR passes test Maximum limit of impurities APHA colour: 50 Residue on ignition (as SO4): 0.01 % Chloride (Cl): 0.001% Diethanolamine (G.C.): 0.5% Ethanolamine (G.C.): 0.1% Water (H2O): 0.1 % Heavy metals (as Pb): 0.0001% Fe: 0.0001 %
WGK:	1
STORAGE:	Storage away from direct light.
MASTER NAME:	Triethanolamine
SYNONYMS LONG TEXT:	2,2',2"-Nitrilotriethanol, 2,2',2"-Trihydroxytriethylamine, TEA, Tris (2-Hydroxyethyl)Amine, Trolamine
EINECS:	203-049-8
CS:	2922 15 00 00

Triethanolamine (BP, Ph. Eur., USP-NF) pharma grade

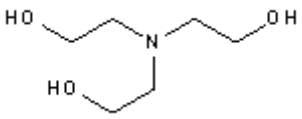
2,2',2"-Nitrilotriethanol, 2,2',2"-Trihydroxytriethylamine, TEA, Tris (2-Hydroxyethyl)Amine, Trolamine

Assay (Acidim.): 99.0-103.0 %

CODE	**Z91750**
CAS	**102-71-6**
MOLECULAR FORMULA	**$C_6H_{15}NO_3$**
MOLAR MASS	**149.19 g/mol**

Packs sizes (1)

	CODE	PACKAGING SIZE	
	CODE Z91750.0716	PACKAGING SIZE 25 l	Product discontinued. Alternative 191750.0716 (please check specifications).



Technical data

MELTING POINT:	21 °C
BOILING POINT:	335.4 °C

DENSITY:	1.124 kg/l
REFRACTIVE INDEX:	20/D 1.4852

PRODUCT CODE:	Z91750
PRODUCT NAME:	Triethanolamine (BP, Ph. Eur., USP-NF) pharma grade
QUALITY NAME:	pharma grade
SPECIFICATIONS:	Assay (Acidim.): 99.0-103.0 % Identity according to Pharmacopoeias:: passes test Density 20/20: 1.120-1.130 Density 25/25: 1.120-1.128 Refractive Index n 20/D: 1.482 - 1.485 Maximum limit of impurities Appearance of solution: passes test Residue on ignition (as SO4): 0.05 % Related substances Residual solvents (Ph.Eur/USP): passes test Ethanolamine: 0.1% Diethanolamine: 0.5% Total impurities: 1.0% N-Nitrosodiethanolamine: 24 ppb Water (H2O): 0.5 %

WGK:	1
STORAGE:	Storage away from direct light.

MASTER NAME:	Triethanolamine
SYNONYMS LONG TEXT:	2,2',2"-Nitrilotriethanol, 2,2',2"-Trihydroxytriethylamine, TEA, Tris (2-Hydroxyethyl)Amine, Trolamine
EINECS:	203-049-8
CS:	2922 15 00 00

Water Molecular biology grade

CODE	**A7398**
CAS	**7732-18-5**
MOLECULAR FORMULA	**H_2O**
MOLAR MASS	**18.01 g/mol**

Packs sizes (3)

	CODE	PACKAGING SIZE
	CODE A7398,0500	PACKAGING SIZE 500 ml
	CODE A7398,1000	PACKAGING SIZE 1 L
	CODE A7398,5000	PACKAGING SIZE 5 L

ⓘ Technical data

PHYSICAL DESCRIPTION:	Liquid
PRODUCT CODE:	A7398
PRODUCT NAME:	Water Molecular biology grade
SPECIFICATIONS:	DNases/RNases/Proteases: not detectable

WGK:	nwg
STORAGE:	RT
EINECS:	231-791-2
CS:	28539010

Water for LC-MS

Hydrogen Oxide

CODE	**701074**
CAS	**7732-18-5**
MOLECULAR FORMULA	**H_2O**
MOLAR MASS	**18.016 g/mol**

Packs sizes (2)

	CODE	PACKAGING SIZE
	CODE 701074.1611	PACKAGING SIZE 1000 ml
	CODE 701074.1612	PACKAGING SIZE 2.5 l

ⓘ Technical data

MELTING POINT:	0 °C
BOILING POINT:	100 °C
DENSITY:	1.000 kg/l
SOLUBILITY:	Soluble in ethanol
PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	701074

PRODUCT NAME:	Water for LC-MS
QUALITY NAME:	for LC-MS
SPECIFICATIONS:	Suitability: for LC-MS: passes test

Maximum limit of impurities
Non-volatile matter: 0.0001 %
Chloride (Cl): 0.000001%
Sulfate (SO4): 0.00001%
Specific conductance at 25°C (Measured during production): 1.0 x 10-6 ohm-1 cm-1
Fluoride (F): 0.000001%
Nitrate (NO3): 0.00001%
Gradient at 210 nm: 5 mUA
Gradient at 254 nm: 0.5 mUA
Fluorescence at 254 nm (as quinine): 1 ppb
Fluorescence at 365 nm (as quinine): 0.5 ppb
UV Spectrum (1cm cell; Ref.: water):
Transmittance at 200 nm: ≥98%
Transmittance at 210 nm: ≥98%
Transmittance at 254 nm: ≥99%
Transmittance at 300-450 nm: ≥99%

Metals by ICP [in mg/Kg (ppm)]
Ag: 0.1
Al: 0.5
Ba: 0.1
Ca: 0.1
Cd: 0.05
Co: 0.02
Cr: 0.02
Cu: 0.02
Fe: 0.1
K: 0.1
Mg: 0.1
Mn: 0.02
Na: 0.1
Ni: 0.02
Pb: 0.1
Sn: 0.1
Zn: 0.1
Microfiltered product (0.2 µm) and bottled under nitrogen atmosphere.

WGK:	nwg
STORAGE:	Room Temperature.

MASTER NAME:	Water
SYNONYMS LONG TEXT:	Hydrogen Oxide
EINECS:	231-791-2
CS:	2853 90 10 00

Water bidistilled, sterile

CODE	**A4042**
CAS	**7732-18-5**
MOLECULAR FORMULA	**H_2O**
MOLAR MASS	**18.01 g/mol**

Packs sizes (2)

	CODE	PACKAGING SIZE	
	CODE A4042,0500	PACKAGING SIZE 500 ml	Product active until stock lasts.
	CODE A4042,1000	PACKAGING SIZE 1 L	

Technical data

PHYSICAL DESCRIPTION:	Liquid
PRODUCT CODE:	A4042
PRODUCT NAME:	Water bidistilled, sterile
SPECIFICATIONS:	Sterility: passes test
WGK:	nwg
STORAGE:	RT

EINECS:	231-791-2
CS:	28539010

Water for analysis, ACS

Hydrogen Oxide

CODE	**131074**
CAS	**7732-18-5**
MOLECULAR FORMULA	**H_2O**
MOLAR MASS	**18.016 g/mol**

Packs sizes (7)

	CODE	PACKAGING SIZE
	131074.1211	1000 ml
	131074.1212	2.5 l
	131074.1214	5 l
	131074.1315	10 l
	131074.0716	25 l

	CODE	PACKAGING SIZE	
	131074.0718	60 l	Product active until stock lasts.
	CODE	PACKAGING SIZE	
	131074.0719	200 l	

Technical data

MELTING POINT:	0 °C
BOILING POINT:	100 °C
DENSITY:	1.000 kg/l
SOLUBILITY:	Soluble in ethanol
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	131074
PRODUCT NAME:	Water for analysis, ACS
QUALITY NAME:	for analysis, ACS
SPECIFICATIONS:	pH: 5-8 Maximum limit of impurities ABS in water, 1 cm λ 254 nm: 0.01 Non-volatile matter: 0.0001 % Reducing substance to KMnO4: passes test Residue on ignition: 0.0002 % Chloride (Cl): 0.00001% Ammonium (NH4): 0.000001% Phosphate (PO4): 0.000005 % Sulfate (SO4): 0.0001% Silicate SiO2: 0.000001% Specific conductance at 25°C (Measured during production): 2.0x10-6ohm-1cm-1

Nitrate (NO3): 0.00002%
Heavy metals (as Pb): 0.000001%

Metals by ICP [in mg/Kg (ppm)]
Ag: 0.01
Al: 0.02
As: 0.05
Au: 0.01
B: 0.01
Ba: 0.01
Be: 0.02
Bi: 0.01
Ca: 0.1
Cd: 0.01
Co: 0.01
Cr: 0.01
Cu: 0.01
Fe: 0.01
Ga: 0.01
Ge: 0.01
Hg: 0.05
In: 0.01
K: 0.05
Li: 0.02
Mg: 0.05
Mn: 0.01
Mo: 0.01
Na: 0.1
Ni: 0.01
Pb: 0.01
Pt: 0.01
Sb: 0.01
Se: 0.01
Sn: 0.01
Sr: 0.05
Ti: 0.01
Tl: 0.01
V: 0.01
Zn: 0.05
Zr: 0.01
Meet specifications for water type 2 according to ISO:3696:1987. 'Water reagent for use in laboratory analysis'.

WGK:	nwg
STORAGE:	Room Temperature.

MASTER NAME:	Water
SYNONYMS LONG TEXT:	Hydrogen Oxide
EINECS:	231-791-2
CS:	2853 90 10 00

Triethylamine, 99.5% for synthesis

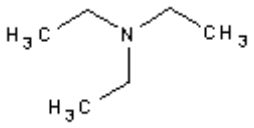
N,N-Diethylethanamine

Minimum assay (G.C.): 99.5%

CODE	**163542**
CAS	**121-44-8**
MOLECULAR FORMULA	**$C_6H_{15}N$**
MOLAR MASS	**101.19 g/mol**

Packs sizes (1)

CODE	PACKAGING SIZE
CODE 163542.1611	PACKAGING SIZE 1000 ml



Technical data

MELTING POINT:	-115 °C
BOILING POINT:	90 °C
DENSITY:	0.727 kg/l
SOLUBILITY:	water 133 g/l at 20 °C

REFRACTIVE INDEX:	20/D 1.4003
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	163542
PRODUCT NAME:	Triethylamine, 99.5% for synthesis
QUALITY NAME:	for synthesis
SPECIFICATIONS:	Minimum assay (G.C.): 99.5% Identity: IR passes test Density 20/4: 0.725-0.729 Non-volatile matter: 0.01 % Water (H2O): 0.2 %

HAZARD PICTOGRAMS

UN:	1296
CLASS/PG:	3(8)/II
ADR:	3(8)/II
IMDG:	3(8)/II
IATA:	3(8)/II
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS06 GHS05
H PHRASES:	H225 H302

	H311+H331 H314 H335
P PHRASES:	P280 P303+P361+P353 P305+P351+P338 P310 P321 P361 P405 P501

MASTER NAME:	Triethylamine
SYNONYMS LONG TEXT:	N,N-Diethylethanamine
EINECS:	204-469-4
CS:	2921 19 99 90
INDEX NR.:	612-004-00-5

Water technical grade

Hydrogen Oxide

CODE	**211074**
CAS	**7732-18-5**
MOLECULAR FORMULA	**H_2O**
MOLAR MASS	**18.016 g/mol**

Packs sizes (4)

	CODE	PACKAGING SIZE	
	CODE 211074.1211	PACKAGING SIZE 1000 ml	Product active until stock lasts.
	CODE 211074.1214	PACKAGING SIZE 5 l	
	CODE 211074.0715	PACKAGING SIZE 10 l	
	CODE 211074.0716	PACKAGING SIZE 25 l	

ⓘ Technical data

MELTING POINT:	0 °C

BOILING POINT:	100 °C
DENSITY:	1.000 kg/l
SOLUBILITY:	Soluble in ethanol
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	211074
PRODUCT NAME:	Water technical grade
QUALITY NAME:	technical grade
SPECIFICATIONS:	Conductivity at 20°C (measured during production): 5.0 uS.cm-1

WGK:	nwg
STORAGE:	Room Temperature.

MASTER NAME:	Water
SYNONYMS LONG TEXT:	Hydrogen Oxide
EINECS:	231-791-2
CS:	2853 90 10 00

Water PCR tested, DNA free, for molecular biology, suited for qPCR

CODE	**A8510**
CAS	**7732-18-5**
MOLECULAR FORMULA	**H_2O**
MOLAR MASS	**18.01 g/mol**

Packs sizes (1)

CODE	PACKAGING SIZE
CODE A8510,1017	PACKAGING SIZE 10 x 1,7 ml

Technical data

PHYSICAL DESCRIPTION:	Liquid
PRODUCT CODE:	A8510
PRODUCT NAME:	Water PCR tested, DNA free, for molecular biology, suited for qPCR
SPECIFICATIONS:	DNases/RNases: not detectable Bacterial DNA: not detectable (min. 40 PCR cycles)
WGK:	nwg

STORAGE:	RT
EINECS:	231-791-2
CS:	28539010

Water for UV, HPLC, ACS

Hydrogen Oxide

CODE	**361074**
CAS	**7732-18-5**
MOLECULAR FORMULA	**H_2O**
MOLAR MASS	**18.016 g/mol**

Packs sizes (1)

CODE	PACKAGING SIZE
CODE 361074.1612	PACKAGING SIZE 2.5 l

Technical data

MELTING POINT:	0 °C
BOILING POINT:	100 °C
DENSITY:	1.000 kg/l
SOLUBILITY:	Soluble in ethanol
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	361074
PRODUCT NAME:	Water for UV, HPLC, ACS
QUALITY NAME:	for UV, HPLC, ACS

SPECIFICATIONS:	Suitability: for gradient acc. to ACS: passes test Maximum limit of impurities Non-volatile matter: 0.0003 % Reducing substance to KMnO4: passes test Specific conductance at 25°C (Measured during production): 1.0x10-6ohm-1cm-1 Fluorescence at 254 nm (as quinine): 1 ppb Fluorescence at 365 nm (as quinine): 0.5 ppb UV Spectrum (1cm cell; Ref.: water): Transmittance at 200 nm: ≥98% Transmittance at 210 nm: ≥98% Transmittance at 254 nm: ≥99% Transmittance at 300-450 nm: ≥99% Data of interest in HPLC: Rohrschneider Polarity: 10.2 For critical jobs, purge with nitrogen. Microfiltered product (0.2 µm) and bottled under nitrogen atmosphere.
WGK:	nwg
STORAGE:	Room Temperature.
MASTER NAME:	Water
SYNONYMS LONG TEXT:	Hydrogen Oxide
EINECS:	231-791-2
CS:	2853 90 10 00

Water for HPLC gradient / UHPLC supergradient grade

Hydrogen Oxide

PRODUCT NUMBER	**221074**
CAS	**7732-18-5**
MOLECULAR FORMULA	**H_2O**
MOLAR MASS	**18.016 g/mol**

Packs sizes (1)

CODE	PACKAGING SIZE
CODE 221074.1612	PACKAGING SIZE 2,5 l

Technical data

MELTING POINT:	0 °C
BOILING POINT:	100 °C
DENSITY:	1.000 kg/l
SOLUBILITY:	Soluble in ethanol
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	221074
PRODUCT NAME:	Water for HPLC gradient / UHPLC supergradient

	grade
QUALITY NAME:	for HPLC gradient / UHPLC supergradient grade
SPECIFICATIONS:	Maximum limit of impurities Non-volatile matter: 0.0001 % Specific conductance at 25°C (Measured during production): 1.0 x 10-6 ohm-1 cm-1 Suitability for gradient according to ACS: passes test Gradient at 210 nm: 5 mUA Gradient at 254 nm: 0.5 mUA Fluorescence at 254 nm (as quinine): 1 ppb Fluorescence at 365 nm (as quinine): 0.5 ppb UV Spectrum (1cm cell; Ref.: water): Transmittance at 200 nm: ≥98% Transmittance at 210 nm: ≥98% Transmittance at 254 nm: ≥99% Transmittance at 300-450 nm: ≥99% Microfiltered product (0.2 µm) and bottled under nitrogen atmosphere.
WGK:	nwg
STORAGE:	Room Temperature.
MASTER NAME:	Water
SYNONYMS LONG TEXT:	Hydrogen Oxide
EINECS:	231-791-2
CS:	2853 90 10 00

Water for trace metal analysis (ppt)

Hydrogen Oxide

CODE	**711074**
CAS	**7732-18-5**
MOLECULAR FORMULA	**H_2O**
MOLAR MASS	**18.016 g/mol**

Packs sizes (1)

CODE	PACKAGING SIZE
CODE 711074.0011	PACKAGING SIZE 1000 ml

Technical data

MELTING POINT:	0 °C
BOILING POINT:	100 °C
DENSITY:	1.000 kg/l
SOLUBILITY:	Soluble in ethanol
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	711074
PRODUCT NAME:	Water for trace metal analysis (ppt)
QUALITY NAME:	for trace metal analysis (ppt)

SPECIFICATIONS:

Maximum limit of impurities

APHA colour: 10
Chloride (Cl): 1 ppb
Phosphate (PO4): 1 ppb
Sulfate (SO4): 1 ppb

Metals by ICP (in ppt)

Ag: 10
Al: 20
As: 10
Au: 10
B: 20
Ba: 10
Be: 10
Bi: 10
Ca: 10
Cd: 10
Ce: 10
Co: 10
Cr: 10
Cs: 10
Cu: 10
Dy: 1
Er: 1
Eu: 1
Fe: 10
Ga: 10
Gd: 1
Ge: 10
Hf: 1
Hg: 20
Ho: 1
In: 1
K: 10
La: 1
Li: 10
Lu: 1
Mg: 10
Mn: 10
Mo: 10
Na: 10
Nb: 10
Nd: 1

	Ni: 10 Pb: 10 Pd: 10 Pr: 10 Pt: 10 Rb: 10 Re: 10 Rh: 10 Ru: 10 Sb: 10 Sc: 10 Se: 50 Sm: 10 Sn: 10 Sr: 10 Ta: 10 Tb: 10 Te: 1 Th: 1 Ti: 10 Tl: 10 Tm: 10 U: 1 V: 10 W: 10 Y: 1 Yb: 10 Zn: 10 Zr: 10
WGK:	nwg
STORAGE:	Room Temperature.
MASTER NAME:	Water
SYNONYMS LONG TEXT:	Hydrogen Oxide
EINECS:	231-791-2
CS:	2853 90 10 00

Xylene, mixture of isomers technical grade

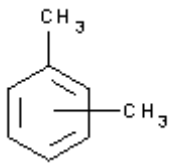
Dimethylbenzene, Xilol

Assay (G.C.) (isomers mixture C8H10): 97%

CODE	**211769**
CAS	**1330-20-7**
MOLECULAR FORMULA	**C_8H_{10}**
MOLAR MASS	**106.17 g/mol**

Packs sizes (3)

	CODE	PACKAGING SIZE
	CODE 211769.2711	PACKAGING SIZE 1000 ml
	CODE 211769.1714	PACKAGING SIZE 5 l
	CODE 211769.2714	PACKAGING SIZE 5 l



Technical data

BOILING POINT:	137 - 144 °C
DENSITY:	0.865 kg/l
SOLUBILITY:	water 0.2 g/l at 20 °C
REFRACTIVE INDEX:	20/D 1.497
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	211769
PRODUCT NAME:	Xylene, mixture of isomers technical grade
QUALITY NAME:	technical grade
SPECIFICATIONS:	Assay (G.C.) (isomers mixture C8H10): 97% Density 20/4: 0.862-0.870 Acidity: 0.003 meq/g Water (H2O): 0.1 %

HAZARD PICTOGRAMS

UN:	1307
CLASS/PG:	3/III
ADR:	3/III
IMDG:	3/III
IATA:	3/III
WGK:	2
STORAGE:	Room Temperature.

SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07 GHS08
H PHRASES:	H226 H332 H312 H315 H304 H319 H335 H373
P PHRASES:	P210 P233 P240 P241 P242 P501 P243 P261 P264 P271 P280 P302+P352 P303+P361+P353 P304+P340 P312 P321 P322 P332+P313 P362 P363 P370+P378 P403+P235

MASTER NAME:	Xylene, *mixture of isomers
SYNONYMS LONG TEXT:	Dimethylbenzene, Xilol
EINECS:	215-535-7

CS:	2902 44 00 00
INDEX NR.:	601-022-00-9

Xylene, mixture of isomers pure

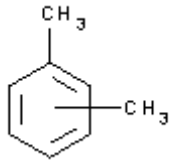
Dimethylbenzene, Xilol

Assay (G.C.) (isomers mixture C8H10): 98%

CODE	**141769**
CAS	**1330-20-7**
MOLECULAR FORMULA	**C_8H_{10}**
MOLAR MASS	**106.17 g/mol**

Packs sizes (5)

	CODE	PACKAGING SIZE
	CODE 141769.2711	PACKAGING SIZE 1000 ml
	CODE 141769.1612	PACKAGING SIZE 2.5 l
	CODE 141769.0314	PACKAGING SIZE 5 l
	CODE 141769.3514	PACKAGING SIZE 5 l
	CODE 141769.3516	PACKAGING SIZE 25 l



Technical data

BOILING POINT:	137 - 144 °C
DENSITY:	0.865 kg/l
SOLUBILITY:	water 0.2 g/l at 20 °C
REFRACTIVE INDEX:	20/D 1.497
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	141769
PRODUCT NAME:	Xylene, mixture of isomers pure
QUALITY NAME:	pure
SPECIFICATIONS:	Assay (G.C.) (isomers mixture C8H10): 98% Identity: IR passes test Density 20/4: 0.862-0.870 Acidity: 0.0003 meq/g Alkalinity: 0.00025 meq/g Non-volatile matter: 0.01 % Thiophene (C4H4S): 0.0005% Water (H2O): 0.05 % Cu: 0.00002 % Fe: 0.00005 % Ni: 0.00002 % Pb: 0.00002 %

HAZARD PICTOGRAMS	
UN:	1307
CLASS/PG:	3/III
ADR:	3/III
IMDG:	3/III
IATA:	3/III
WGK:	2
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07 GHS08
H PHRASES:	H226 H332 H312 H315 H304 H319 H335 H373
P PHRASES:	P210 P233 P240 P241 P242 P501 P243 P261 P264 P271

	P280 P302+P352 P303+P361+P353 P304+P340 P312 P321 P322 P332+P313 P362 P363 P370+P378 P403+P235
MASTER NAME:	Xylene, *mixture of isomers
SYNONYMS LONG TEXT:	Dimethylbenzene, Xilol
EINECS:	215-535-7
CS:	2902 44 00 00
INDEX NR.:	601-022-00-9

Xylene, mixture of isomers (CE-IVD) for clinical diagnostics

Dimethylbenzene, Xilol

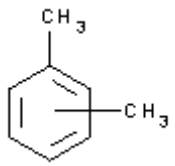
Minimum assay (G.C.) (isomers mixture C8H10): 97%

CODE	**251769**
CAS	**1330-20-7**
MOLECULAR FORMULA	**C_8H_{10}**
MOLAR MASS	**106.17 g/mol**

Packs sizes (3)

	CODE	PACKAGING SIZE
	251769.2711	1000 ml
	251769.1612	2.5 l
	251769.2714	5 l

Product active until stock lasts.



Technical data

BOILING POINT:	137 - 144 °C
DENSITY:	0.865 kg/l
SOLUBILITY:	water 0.2 g/l at 20 °C
REFRACTIVE INDEX:	20/D 1.497
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	251769
PRODUCT NAME:	Xylene, mixture of isomers (CE-IVD) for clinical diagnostics
QUALITY NAME:	for clinical diagnostics
HEADLINE COMMENT:	In Vitro Diagnostic medical device class A in compliance to the Regulation (EU) 2017/746.
SPECIFICATIONS:	Minimum assay (G.C.) (isomers mixture C8H10): 97% Identity: IR passes test

HAZARD PICTOGRAMS

UN:	1307
CLASS/PG:	3/III
ADR:	3/III
IMDG:	3/III
IATA:	3/III
WGK:	

STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07 GHS08
H PHRASES:	H226 H332 H312 H315 H304 H319 H335 H373
P PHRASES:	P210 P233 P240 P241 P242 P501 P243 P261 P264 P271 P280 P302+P352 P303+P361+P353 P304+P340 P312 P321 P322 P332+P313 P362 P363 P370+P378 P403+P235

MASTER NAME:	Xylene, *mixture of isomers

SYNONYMS LONG TEXT:	Dimethylbenzene, Xilol
EINECS:	215-535-7
CS:	2902 44 00 00
INDEX NR.:	601-022-00-9

Xylene, mixture of isomers (Reag. USP, Ph. Eur.) for analysis, ACS, ISO

Dimethylbenzene, Xilol

Minimum assay (G.C.) (isomers mixture C8H10): 99 %

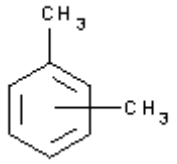
CODE	**131769**
CAS	**1330-20-7**
MOLECULAR FORMULA	**C_8H_{10}**
MOLAR MASS	**106.17 g/mol**

Packs sizes (6)

	CODE	PACKAGING SIZE
	CODE 131769.1611	PACKAGING SIZE 1000 ml
	CODE 131769.2711	PACKAGING SIZE 1000 ml
	CODE 131769.1612	PACKAGING SIZE 2.5 l
	CODE 131769.0314	PACKAGING SIZE 5 l
	CODE 131769.0616	PACKAGING SIZE 25 l

CODE
131769.0619

PACKAGING SIZE
200 l



Technical data

BOILING POINT:	137 - 144 °C
DENSITY:	0.865 kg/l
SOLUBILITY:	water 0.2 g/l at 20 °C
REFRACTIVE INDEX:	20/D 1.497
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	131769
PRODUCT NAME:	Xylene, mixture of isomers (Reag. USP, Ph. Eur.) for analysis, ACS, ISO
QUALITY NAME:	for analysis, ACS, ISO
SPECIFICATIONS:	Minimum assay (G.C.) (isomers mixture C8H10): 99 % Identity: IR passes test Density 20/4: 0.862-0.870 Maximum limit of impurities APHA colour: 10 Acidity: 0.0001 meq/g Alkalinity: 0.0001 meq/g Non-volatile matter: 0.001 %

Darkened substances by H2SO4: passes test
Sulfur compounds (as CS2): 0.0003 %
Toluene (G.C.): 0.1%
Benzene (G.C.): 0.05%
Ethylbenzene (G.C.): 25%
Thiophene (C4H4S): 0.0001%
Water (H2O): 0.03 %

Metals by ICP [in mg/Kg (ppm)]
Ag: 0.05
Al: 0.5
As: 0.05
Au: 0.05
B: 0.02
Ba: 0.1
Be: 0.02
Bi: 0.05
Ca: 0.5
Cd: 0.05
Co: 0.02
Cr: 0.02
Cu: 0.02
Fe: 0.1
Ga: 0.02
Ge: 0.05
Hg: 0.05
In: 0.05
K: 0.1
Li: 0.05
Mg: 0.1
Mn: 0.02
Mo: 0.02
Na: 0.5
Ni: 0.02
P: 0.2
Pb: 0.1
Pt: 0.02
S: 0.2
Sb: 0.02
Si: 0.2
Sn: 0.1
Sr: 0.2
Ti: 0.02
Tl: 0.02

	V: 0.02 Zn: 0.1 Zr: 0.02
HAZARD PICTOGRAMS	
UN:	1307
CLASS/PG:	3/III
ADR:	3/III
IMDG:	3/III
IATA:	3/III
WGK:	2
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS07 GHS08
H PHRASES:	H226 H332 H312 H315 H304 H319 H335 H373
P PHRASES:	P210 P233 P240 P241 P242 P501 P243 P261

	P264 P271 P280 P302+P352 P303+P361+P353 P304+P340 P312 P321 P322 P332+P313 P362 P363 P370+P378 P403+P235
MASTER NAME:	Xylene, *mixture of isomers
SYNONYMS LONG TEXT:	Dimethylbenzene, Xilol
EINECS:	215-535-7
CS:	2902 44 00 00
INDEX NR.:	601-022-00-9

Water with 0.1% (v/v) of Trifluoroacetic Acid for HPLC

Assay (as Trifluoroacetic Acid): 0.095 - 0.105 % (v/v)

CODE

367171

Packs sizes (1)

	CODE	PACKAGING SIZE	
	CODE 367171.0537	PACKAGING SIZE 30 l	Product discontinued. Please check CAS-No. for alternative or contact our Customer Service.

Technical data

DENSITY:	1.00 kg/l
PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	367171
PRODUCT NAME:	Water with 0.1% (v/v) of Trifluoroacetic Acid for HPLC
QUALITY NAME:	for HPLC
SPECIFICATIONS:	Assay (as Trifluoroacetic Acid): 0.095 - 0.105 % (v/v) This product has been manufactured with Water for UHPLC (code 221074) and Trifluoroacetic Acid for UV (code 363317)
MASTER NAME:	Water with 0.1% (v/v) of Trifluoroacetic Acid
CS:	2915 90 70 90

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