

Моющие средства

Технические характеристики

По вопросам продаж и поддержки обращайтесь:

Алматы (727)3454704
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
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Владикавказ (8672)28-90-48
Владимир (4922)49-43-18
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Вологда (8172)26-41-59
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Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
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Калуга (4842)92-23-67
Кемерово (3842)65-04-62
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
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
Псков (8112)59-10-37
Пермь (342)205-81-47

Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
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/>

DERQUIM LA 11 Slightly alkaline SOLID

CODE

502603

Packs sizes (2)



CODE

CODE

502603.1245

PACKAGING SIZE

PACKAGING SIZE

2 kg

Product active until stock lasts.



CODE

502603.0415

PACKAGING SIZE

10 kg

① Technical data

SOLUBILITY: Soluble in water.

PHYSICAL DESCRIPTION: solid

PRODUCT CODE: 502603

PRODUCT NAME: DERQUIM LA 11 Slightly alkaline SOLID

HEADLINE COMMENT: free of surfactant substances. Solid in powder. pH (3 g/l solution) ~11,2. Soft residues removing.

SPECIFICATIONS: pH of 5% solution: 12 - 13

HAZARD PICTOGRAMS



UN:	3262
CLASS/PG:	8/III
ADR:	8/III
IMDG:	8/III
IATA:	8/III
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS07 GHS05
H PHRASES:	H335 H314
P PHRASES:	P260 P264 P270 P280 P301+P312 P301+P330+P331 P303+P361+P353 P304+P340 P305+P351+P338 P310 P321 P330 P338 P363 P405 P501

MASTER NAME:	DERQUIM LA 11 Slightly alkaline SOLID
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CS:	3402 39 90 90
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CHAPS *BioChemica*

Assay (from N): min. 99 %

CODE

A1099

CAS

75621-03-3

MOLECULAR FORMULA

C₃₂H₅₈N₂O₇S

MOLAR MASS

614.89 g/mol

Packs sizes (2)



CODE

PACKAGING SIZE

CODE
A1099,0005

PACKAGING SIZE
5 g



CODE
A1099,0050

PACKAGING SIZE
50 g

Technical data

PHYSICAL DESCRIPTION:

Solid

PRODUCT CODE:

A1099

PRODUCT NAME:

CHAPS *BioChemica*

SPECIFICATIONS:

Assay (from N): min. 99 %

Conductivity (0.1 M): max. 10.0 µS/cm

Pb: max. 0.005 %

Water (K.F.): max. 4 %

N: approx. 4.5 %
Na: max. 0.005 %
A (1 cm/5 % in H₂O)
290 nm: max. 0.5
400 nm: max. 0.02

HAZARD PICTOGRAMS



WGK:	1
STORAGE:	2 - 8°C
SIGNAL WORD:	Attention
GHS SYMBOLS:	GHS07
H PHRASES:	H315 H319 H335
P PHRASES:	P261 P280 P305+P351+P338 P403+P233 P405 P501

EINECS:	616-246-2
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CS:	29242970
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Brij ® 35 aqueous solution 30% w/v for clinical diagnostics

Polydocanol, Polyethyleneglycol mono-Dodecyl Ether, Polyoxyethylenelauric Ether

CODE

252317

CAS

9002-92-0

Packs sizes (1)



CODE

PACKAGING
SIZE

CODE
252317.1611

PACKAGING
SIZE
1000 ml

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

① Technical data

DENSITY: 1.025 kg/l

PRODUCT CODE: 252317

PRODUCT NAME: Brij ® 35 aqueous solution 30% w/v for clinical
diagnostics

QUALITY NAME: for clinical diagnostics

HEADLINE COMMENT: (® Registered trade-mark of ICI) surfactants for
automatical analysis

SPECIFICATIONS: COMPOSITION:
Brij ® 35: 30 g
Water (s.q.m): 100 ml
Identity: passes test
In the case that the product is a gel, heat it

between 40°C - 50°C before use it.

HAZARD PICTOGRAMS



WGK:

2

STORAGE:

Room Temperature.

SIGNAL WORD:

Warning

GHS SYMBOLS:

GHS07

H PHRASES:

H319

P PHRASES:

P264
P280
P305+P351+P338
P337+P313
P501

MASTER NAME:

Brij ® 35 aqueous solution 30% w/v

SYNONYMS LONG TEXT:

Polydocanol, Polyethyleneglycol mono-Dodecyl Ether, Polyoxyethylenelauric Ether

CS:

3402 13 00 90

Benzethonium Chloride (BP, Ph. Eur.) pure, pharma grade

Di-iso-Butylphenoxyethoxyethyl dimethylbenzylammonium Chloride, Hyamina 1622, N-Benzyl-N,N-Dimethyl-N-[4- (1,1,3,3-Tetramethylbutyl)]

Assay (calc. a.d.s.): 97.0-103.0 %

CODE	143083
CAS	121-54-0
MOLECULAR FORMULA	C ₂₇ H ₄₂ ClNO ₂
MOLAR MASS	448.18 g/mol

Packs sizes (2)



CODE

CODE
143083.1209

PACKAGING
SIZE

PACKAGING
SIZE
250 g

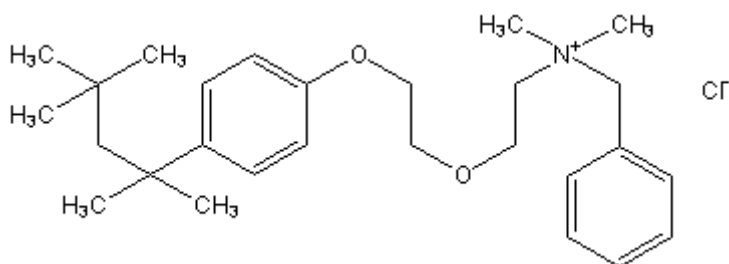
Product active until stock lasts.



CODE
143083.1211

PACKAGING
SIZE
1000 g

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



Technical data

MELTING POINT: ~ 163 °C

SOLUBILITY: Soluble in water, ethanol and chloroform.

PHYSICAL DESCRIPTION: solid

PRODUCT CODE: 143083

PRODUCT NAME: Benzethonium Chloride (BP, Ph. Eur.) pure, pharma grade

QUALITY NAME: pure, pharma grade

SPECIFICATIONS: Assay (calc. a.d.s.): 97.0-103.0 %
Identity according to Pharmacopoeias:: passes test
Melting range: 158-163°C

Maximum limit of impurities

Appearance of solution: passes test

Acidity or alkalinity: passes test

Loss on drying at 105°C: 5.0%

Residue on ignition (as SO₄): 0.1 %

Volatile bases and salts of volatile bases: 0.005%

Residual solvents (Ph.Eur/USP): passes test

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

HAZARD PICTOGRAMS



WGK:

STORAGE: Storage away from direct light.

SIGNAL WORD: Danger

GHS SYMBOLS: GHS07
GHS05
GHS09

H PHRASES: H302
H314
H410

P PHRASES: P264
P270
P301+P312
P330
P501
P260
P280
P301+P330+P331
P303+P361+P353
P363
P310
P321
P304+P340
P305+P351+P338
P405
P273
P391

MASTER NAME: Benzethonium Chloride

SYNONYMS LONG TEXT: Di-iso-
Butylphenoxyethoxyethyl dimethylbenzylammonium Chloride, Hyamina 1622, N-Benzyl-N,N-Dimethyl-N-[-4-(1,1,3,3-Tetramethylbutyl)]

EINECS: 204-479-9

CS: 2923 90 00 90

Benzethonium Chloride 0.004 mol/l (0.004M) volumetric solution

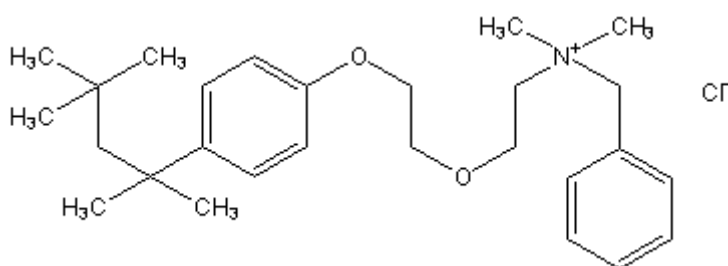
*Di-iso-Butylphenoxyethoxyethyldimethylbenzylammonium Chloride, Hyamine 1622,
N-Benzyl-N,N-Dimethyl-N-[4-(1,1,3,3-Tetramethylbutyl)Ph]*

CODE	183141
CAS	121-54-0
MOLECULAR FORMULA	$C_{27}H_{42}ClNO_2$
MOLAR MASS	448.18 g/mol

Packs sizes (1)



CODE	PACKAGING SIZE
CODE	PACKAGING SIZE
183141.1611	1000 ml



① Technical data

DENSITY:	1.00 kg/l
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	183141
PRODUCT NAME:	Benzethonium Chloride 0.004 mol/l (0.004M) volumetric solution
QUALITY NAME:	volumetric solution
HEADLINE COMMENT:	for titration of anionic surfactants
SPECIFICATIONS:	Titer at 20°C: 0.999 - 1.001 Uncertainty: See certificate
WGK:	2
STORAGE:	Room Temperature.
MASTER NAME:	Benzethonium Chloride 0,004 mol/l *(0,004M)
SYNONYMS LONG TEXT:	Di-iso- Butylphenoxyethoxyethyldimethylbenzylammoniu m Chloride, Hyamine 1622, N-Benzyl-N,N- Dimethyl-N-[4-(1,1,3,3-Tetramethylbutyl)Ph
EINECS:	204-479-9
CS:	2923 90 00 90

DERQUIM LA 21 Acid, with phosphoric acid LIQUID

CODE

502608

Packs sizes (1)



CODE	PACKAGING SIZE
502608.1246	4 l

Technical data

DENSITY: 1.375 kg/l

PHYSICAL DESCRIPTION: liquid

PRODUCT CODE: 502608

PRODUCT NAME: DERQUIM LA 21 Acid, with phosphoric acid LIQUID

HEADLINE COMMENT: Free of surfactant substances. Acid solution with anticorrosive protection. pH (2 ml/l solution) X2,0. Pre-washing agent and neutralizer in post-washing.

SPECIFICATIONS: pH sol. 2%: 1.5 - 1.9
Density 20/4: 1.355 - 1.375

HAZARD PICTOGRAMS



UN:	3264
CLASS/PG:	8/III
ADR:	8/III
IMDG:	8/III
IATA:	8/III
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS05
H PHRASES:	H290 H314
P PHRASES:	P260 P264 P270 P280 P301+P312 P301+P330+P331 P303+P361+P353 P304+P340 P305+P351+P338 P310 P321 P330 P338 P363 P405 P501

MASTER NAME:	DERQUIM LA 21 Acid, with phosphoric acid LIQUID
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CS:	3402 39 90 90
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DERQUIM LA 15 Alkaline LIQUID

CODE

502607

Packs sizes (1)



CODE

PACKAGING SIZE

CODE

502607.1246

PACKAGING SIZE

4 l

Technical data

DENSITY: 1.425 kg/l

PHYSICAL DESCRIPTION: liquid

PRODUCT CODE: 502607

PRODUCT NAME: DERQUIM LA 15 Alkaline LIQUID

HEADLINE COMMENT: free of surfactant substances.pH (4 ml/l solution) ~12,2. Removing of dry residues.

SPECIFICATIONS: pH sol. 2%: 12 -13
Density 20/4: 1.42 - 1.43

HAZARD PICTOGRAMS



UN: 3266

CLASS/PG:	8/II
ADR:	8/II
IMDG:	8/II
IATA:	8/II
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS05
H PHRASES:	H290 H314
P PHRASES:	P260 P264 P270 P280 P301+P312 P501 P303+P361+P353 P304+P340 P305+P351+P338 P310 P321 P330 P338 P363 P405

MASTER NAME:	DERQUIM LA 15 Alkaline LIQUID
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CS:	3402 49 00 00
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DERQUIM LA 14 Slightly alkaline LIQUID

CODE

502606

Packs sizes (1)



CODE

PACKAGING SIZE

CODE

502606.1246

PACKAGING SIZE

4 l

Technical data

DENSITY: 1.350 kg/l

PHYSICAL DESCRIPTION: liquid

PRODUCT CODE: 502606

PRODUCT NAME: DERQUIM LA 14 Slightly alkaline LIQUID

HEADLINE COMMENT: free of surfactant substances.pH (4 ml/l solution) ~11,2. Soft residues removing.

SPECIFICATIONS: pH of 2% solution: 12 - 13

HAZARD PICTOGRAMS



UN: 3266

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 H332
P PHRASES:	P260 P264 P270 P280 P301+P312 P301+P330+P331 P303+P361+P353 P304+P340 P305+P351+P338 P310 P321 P330 P338 P363 P405 P501

MASTER NAME:	DERQUIM LA 14 Slightly alkaline LIQUID
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CS:	3402 39 90 90
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DERQUIM LA 13 Alkaline with detergents

SOLID

CODE

502605

Packs sizes (1)



CODE

502605.0415

PACKAGING SIZE

10 kg

Technical data	
SOLUBILITY:	Soluble in water.
PHYSICAL DESCRIPTION:	solid
PRODUCT CODE:	502605
PRODUCT NAME:	DERQUIM LA 13 Alkaline with detergents SOLID
HEADLINE COMMENT:	Solid in powder. pH (3 g/l solution) ~12,2. Grease removing.
SPECIFICATIONS:	pH of 5% solution: 12-14
HAZARD PICTOGRAMS	 
UN:	3262

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 H335
P PHRASES:	P260 P264 P270 P280 P301+P312 P301+P330+P331 P303+P361+P353 P304+P340 P305+P351+P338 P310 P321 P330 P338 P363 P405 P501

MASTER NAME:	DERQUIM LA 13 Alkaline with detergents SOLID
CS:	3402 39 90 90

DERQUIM LA 12 Alkaline SOLID

CODE

502604

Packs sizes (1)



CODE

PACKAGING SIZE

CODE

502604.0415

PACKAGING SIZE

10 kg

Technical data

SOLUBILITY: Soluble in water.

PHYSICAL DESCRIPTION: solid

PRODUCT CODE: 502604

PRODUCT NAME: DERQUIM LA 12 Alkaline SOLID

HEADLINE COMMENT: free of surfactant substances.Solid in powder. pH (3 g/l solution) ~12,3. Removing of dry residues.

SPECIFICATIONS: pH of 5% solution: 12.5 - 13.5

HAZARD PICTOGRAMS



UN: 3262

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 H335
P PHRASES:	P260 P264 P270 P280 P301+P312 P301+P330+P331 P303+P361+P353 P304+P340 P305+P351+P338 P310 P321 P330 P338 P363 P405 P501

MASTER NAME:	DERQUIM LA 12 Alkaline SOLID
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CS:	3402 39 90 90
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SDS (USP-NF, BP, Ph. Eur.) pure, pharma grade

Dodecyl Sulphate Sodium Salt, Laurylsulphate Sodium Salt, SDS, Sodium Laurylsulphate

Minimum assay: 90.0%

CODE 142363

CAS 151-21-3

MOLECULAR FORMULA $C_{12}H_{25}NaO_4S$

MOLAR MASS 288.38 g/mol

Packs sizes (3)



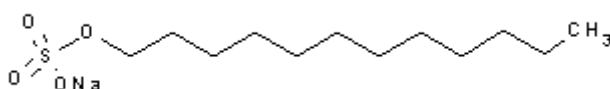
CODE	PACKAGING SIZE
142363.1211	1000 g



CODE	PACKAGING SIZE
142363.0914	5 kg



CODE	PACKAGING SIZE
142363.0416	25 kg



Technical data

MELTING POINT: 204 - 207 °C

SOLUBILITY: water 100 g/l at 20 °C

PHYSICAL DESCRIPTION: solid

PRODUCT CODE: 142363

PRODUCT NAME: SDS (USP-NF, BP, Ph. Eur.) pure, pharma grade

QUALITY NAME: pure, pharma grade

SPECIFICATIONS: Minimum assay: 90.0%
Identity according to Pharmacopoeias:: passes test

Maximum limit of impurities

Alkalinity: passes test

Residual solvents (Ph.Eur/USP): passes test

Non-esterified alcohols: 4.0%

Total alcohols minimum: 59.0%

Sodium Chloride and Sodium Sulfate (USP-NF):
8.0%

Sodium Chloride and Sodium Sulfate (Ph. Eur.):
8.0%

HAZARD PICTOGRAMS



UN: 1325

CLASS/PG: 4.1/II

ADR: 4.1/II

IMDG: 4.1/II

IATA:	4.1/II
WGK:	2
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS05 GHS07
H PHRASES:	H302 H332 H315 H228 H318 H335 H412
P PHRASES:	P210 P240 P241 P261 P264 P501 P270 P271 P273 P280 P301+P312 P302+P352 P304+P340 P305+P351+P338 P310 P312 P321 P330 P332+P313 P362 P370+P378 P403+P233 P405

MASTER NAME:	Sodium Dodecyl Sulphate
SYNONYMS LONG TEXT:	Dodecyl Sulphate Sodium Salt, Laurylsulphate Sodium Salt, SDS, Sodium Laurylsulphate
EINECS:	205-788-1
CS:	2920 90 10 90

SDS - solution 20 % for molecular biology

CODE

A0675

Packs sizes (1)



CODE

PACKAGING SIZE

CODE

A0675,1000

PACKAGING SIZE

1 L

Technical data

PHYSICAL DESCRIPTION:

Liquid

PRODUCT CODE:

A0675

PRODUCT NAME:

SDS - solution 20 % for molecular biology

HEADLINE COMMENT:

SDS precipitates at temperatures below 15°C. It can be dissolved by warming in a water bath above 37°C.

SPECIFICATIONS:

DNases/RNases/Proteases: not detectable

Appearance of solution: clear, colorless

Composition:

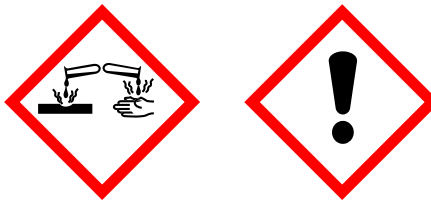
SDS: 200 g/L

A (1 cm/0.1 M HPLC water)

260 nm: max. 0.04

280 nm: max. 0.02

HAZARD PICTOGRAMS



WGK:

2

STORAGE:

RT

SIGNAL WORD:

Danger

GHS SYMBOLS:

GHS05

GHS07

H PHRASES:

H315

H318

H335

P PHRASES:

P261

P305+P351+P338

P310

P321

P362+P364

P405

P501

CS:

29209010

SDS for analysis, ACS

Dodecyl Sulphate Sodium Salt, Laurylsulphate Sodium Salt, SDS, Sodium Laurylsulphate

Minimum assay (a.d.s.): 99.0%

CODE

132363

CAS

151-21-3

MOLECULAR FORMULA

C₁₂H₂₅NaO₄S

MOLAR MASS

288.38 g/mol

Packs sizes (3)



CODE

PACKAGING SIZE

CODE

PACKAGING SIZE

132363.1209

250 g



CODE

PACKAGING SIZE

132363.1211

1000 g

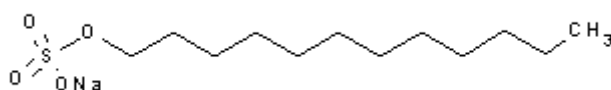


CODE

PACKAGING SIZE

132363.0914

5 kg



MELTING POINT: 204 - 207 °C

SOLUBILITY: water 100 g/l at 20 °C

PHYSICAL DESCRIPTION: solid

PRODUCT CODE: 132363

PRODUCT NAME: SDS for analysis, ACS

QUALITY NAME: for analysis, ACS

HEADLINE COMMENT: for determination of surfactants

SPECIFICATIONS: Minimum assay (a.d.s.): 99.0%
Identity: IR passes test

Maximum limit of impurities

ABS λ 220-350 nm 1 cm, 3% (0,1 mol/l) sol. in H₂O: 0.1

ABS λ 260nm 1 cm, 3% (0,1 mol/l) sol. in H₂O: 0.04

ABS λ 280nm 1 cm, 3% (0,1 mol/l) sol. in H₂O: 0.02

Alkalinity: 0.06 meq/g

Insoluble matter in H₂O: 0.01 %

Loss on drying at 105°C: 1.0%

Chloride (Cl): 0.025%

Phosphate (PO₄): 0.0001 %

C12 compounds minimum (G.C.): 99%

Unsulfated Alcohols: 1%

Water (H₂O): 1.0 %

Heavy metals (as Pb): 0.0005%

Pb: 0,0005 %

HAZARD PICTOGRAMS



UN: 1325

CLASS/PG:	4.1/II
ADR:	4.1/II
IMDG:	4.1/II
IATA:	4.1/II
WGK:	2
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS05 GHS07
H PHRASES:	H302 H332 H315 H228 H318 H335 H412
P PHRASES:	P210 P240 P241 P261 P264 P501 P270 P271 P273 P280 P301+P312 P302+P352 P304+P340 P305+P351+P338 P310 P312 P321 P330 P332+P313

P362
P370+P378
P403+P233
P405

MASTER NAME:	Sodium Dodecyl Sulphate
SYNONYMS LONG TEXT:	Dodecyl Sulphate Sodium Salt, Laurylsulphate Sodium Salt, SDS, Sodium Laurylsulphate
EINECS:	205-788-1
CS:	2920 90 10 90

Pluronic® F-68 *BioChemica*

CODE

A1288

CAS

9003-11-6

MOLAR MASS

~8400 g/mol

Packs sizes (3)



CODE

CODE
A1288,0100

PACKAGING SIZE

PACKAGING SIZE
100 g

Product active until stock lasts.



CODE
A1288,0500

PACKAGING SIZE
500 g



CODE
A1288,9010

PACKAGING SIZE
10 kg

① Technical data

PHYSICAL DESCRIPTION:

Solid

PRODUCT CODE:

A1288

PRODUCT NAME:

Pluronic® F-68 *BioChemica*

HEADLINE COMMENT:

®trademark of ICI

SPECIFICATIONS:

Solubility (1 %; H₂O): clear

pH (5 %; H₂O): 5.0 - 8.0

WGK:

1

STORAGE:

RT

CS:

34024200

DERQUIM + Universal Detergent, LIQUID

CODE

503574

Packs sizes (2)

	CODE	PACKAGING SIZE	
	CODE 503574.1211	PACKAGING SIZE 1000 ml	Product active until stock lasts.
	CODE 503574.1246	PACKAGING SIZE 4 l	

Technical data

DENSITY:	1.14 kg/l
PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	503574
PRODUCT NAME:	DERQUIM + Universal Detergent, LIQUID
HEADLINE COMMENT:	Biodegradable, without phosphates
SPECIFICATIONS:	Density 20/4: 1.130 - 1.145
HAZARD PICTOGRAMS	

STORAGE: Room Temperature.

SIGNAL WORD: Warning

GHS SYMBOLS: GHS07

H PHRASES: H302

P PHRASES: P264
P270
P301+P312
P330
P501

MASTER NAME: DERQUIM + Universal Detergent, LIQUID

CS: 3402 39 90 90

DERQUIM LM 02, phosphates free LIQUID

CODE

502601

Packs sizes (2)			
	CODE	PACKAGING SIZE	
	CODE 502601.1246	PACKAGING SIZE 4 l	
	CODE 502601.0716	PACKAGING SIZE 25 l	Product discontinued. Alternative 502601.1246 (please check specifications).

i Technical data

DENSITY:	1.01 kg/l
PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	502601
PRODUCT NAME:	DERQUIM LM 02, phosphates free LIQUID
HEADLINE COMMENT:	pH solution 2%: 8-9, General use for sensitive material.
SPECIFICATIONS:	pH sol. 2%: 8-9 Density 20/4: 1.008 - 1.060

HAZARD PICTOGRAMS



STORAGE: Room Temperature.

SIGNAL WORD: Danger

GHS SYMBOLS: GHS05

H PHRASES: H315
H318

P PHRASES: P264
P280
P302+P352
P501
P362

MASTER NAME: DERQUIM LM 02, phosphates free LIQUID

CS: 3402 39 90 90

DERQUIM LM 01 Alkaline LIQUID

CODE

502600

Packs sizes (1)



CODE

PACKAGING SIZE

CODE

502600.1246

PACKAGING SIZE

4 l

Technical data

DENSITY: 1.070 kg/l

PHYSICAL DESCRIPTION: liquid

PRODUCT CODE: 502600

PRODUCT NAME: DERQUIM LM 01 Alkaline LIQUID

HEADLINE COMMENT: pH solution 2%: 11-12. General use.

SPECIFICATIONS: pH of 2 % solution: 11 - 12

HAZARD PICTOGRAMS



STORAGE: Room Temperature.

SIGNAL WORD: Danger

GHS SYMBOLS:

GHS05

H PHRASES:

H290

H314

P PHRASES:

P280

P303+P361+P353

P305+P351+P338

P310

P321

P501

P330

P332+P313

P337+P313

P362

MASTER NAME:

DERQUIM LM 01 Alkaline LIQUID

CS:

3402 39 90 90

DERQUIM LA 22 Acid, with citric acid LIQUID

CODE

502609

Packs sizes (1)



CODE	PACKAGING SIZE
502609.1246	4 l

Technical data

DENSITY: 1.15 kg/l

PHYSICAL DESCRIPTION: liquid

PRODUCT CODE: 502609

PRODUCT NAME: DERQUIM LA 22 Acid, with citric acid LIQUID

HEADLINE COMMENT: free of phosphates. Solution for washing and neutralization. pH (2 ml/l solution) ~3,0.

SPECIFICATIONS: pH sol. 2%: 2 - 3

HAZARD PICTOGRAMS



STORAGE: Room Temperature.

SIGNAL WORD:	Warning
GHS SYMBOLS:	GHS07
H PHRASES:	H319
P PHRASES:	P264 P270 P280 P301+P312 P302+P352 P501 P305+P351+P338 P321 P330 P332+P313 P337+P313 P362

MASTER NAME:	DERQUIM LA 22 Acid, with citric acid LIQUID
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CS:	3402 39 90 90
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Tween® 80 (USP-NF, BP, Ph. Eur.) pharma grade, BioChemica

Polyoxyethylene 20 Sorbitane mono-Oleate, Polysorbate 80

CODE

142050

CAS

9005-65-6

Packs sizes (2)



CODE

PACKAGING SIZE

CODE

PACKAGING SIZE

142050.1611

1000 ml

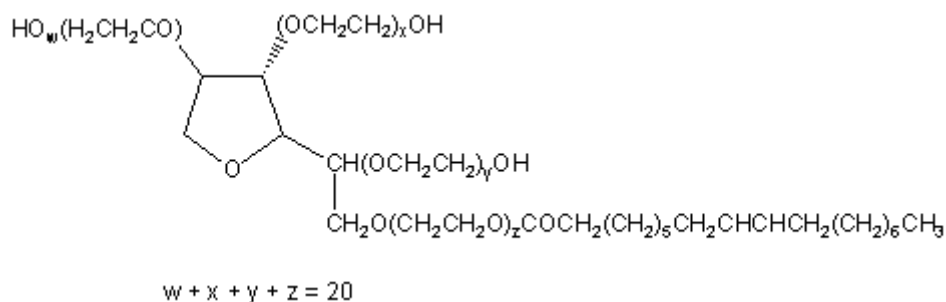


CODE

PACKAGING SIZE

142050.1214

5 l



① Technical data

BOILING POINT:

> 100 °C

DENSITY:

1.075 kg/l

SOLUBILITY:	Soluble in water.
REFRACTIVE INDEX:	20/D 1.472
PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	142050
PRODUCT NAME:	Tween ® 80 (USP-NF, BP, Ph. Eur.) pharma grade, BioChemica
QUALITY NAME:	pharma grade, BioChemica
HEADLINE COMMENT:	(® Registered trade-mark of ICI)
SPECIFICATIONS:	Identity according to Pharmacopoeias:: passes test Density 25/25: 1.06-1.09 Viscosity 25°C: 300-500 cSt Maximum limit of impurities Residue on ignition (as SO₄): 0.2 % Acidity value: 2.0 Hydroxyl value: 65-80 Iodine value: 18-24 Peroxide value: 10.0 Saponification value: 45-55 Composition of fatty acids: Total ashes: 0.25% Residual solvents (Ph.Eur/USP): passes test Myristic acid: 5.0 % Palmitic Acid: 16.0 % Palmitoleic acid: 8.0 % Stearic acid: 6.0 % Oleic acid: 58.0 - 85.0 % Linoleic acid: 18.0 % Linolenic acid: 4.0 % Dioxan: 0.001% Ethylene Oxide: 0.0001% Reducing impurities: passes test Water (H₂O): 3.0 % Heavy metals (as Pb): 0.001%

WGK: 1

STORAGE: Storage away from direct light.

MASTER NAME: Tween ® 80

SYNONYMS LONG TEXT: Polyoxyethylene 20 Sorbitane mono-Oleate,
Polysorbate 80

EINECS: 500-019-9

CS: 3402 42 00 90

Tween® 20 (USP-NF, BP, Ph. Eur.) pure, pharma grade

Polyoxyethylene 20 Sorbitane mono-Laurate, Polysorbate 20

CODE

142312

CAS

9005-64-5

Packs sizes (2)



CODE

PACKAGING SIZE

CODE

PACKAGING SIZE

142312.1611

1000 ml

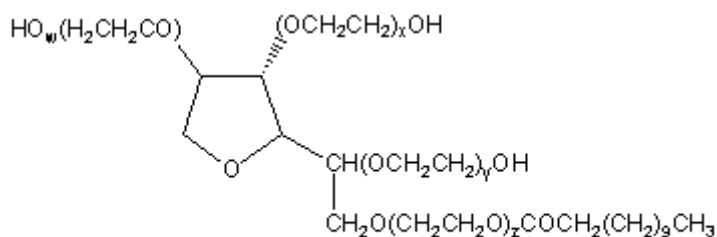


CODE

PACKAGING SIZE

142312.1214

5 l



$$w + x + y + z = 20$$

Technical data

BOILING POINT:

> 100 °C

DENSITY:

1.105 kg/l

SOLUBILITY:	water 100 g/l at 25 °C
REFRACTIVE INDEX:	20/D 1.4735
PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	142312
PRODUCT NAME:	Tween ® 20 (USP-NF, BP, Ph. Eur.) pure, pharma grade
QUALITY NAME:	pure, pharma grade
HEADLINE COMMENT:	(® Registered trade-mark of ICI)
SPECIFICATIONS:	Identity according to Pharmacopoeias:: passes test

Maximum limit of impurities

Residue on ignition (as SO₄): 0.2 %
 Acidity value: 2.0
 Hydroxyl value: 96-108
 Iodine value: 5
 Peroxide value: 10.0
 Saponification value: 40-50
 Composition of fatty acids:
 Total ashes: 0.25%
 Residual solvents (Ph.Eur/USP): passes test
 Caproic acid: 1.0 %
 Caprilic acid: 10.0 %
 Capric acid: 10.0 %
 Lauric acid: 40.0 - 60.0 %
 Myristic acid: 14.0 - 25.0 %
 Palmitic acid: 7.0 - 15.0 %
 Stearic acid: 7.0 %
 Oleic acid: 11.0 %
 Linoleic acid: 3.0 %
 Dioxan: 0.001%
 Ethylene Oxide: 0.0001%
 Reducing impurities: passes test
 Water (H₂O): 3.0 %
 Heavy metals (as Pb): 0.001%
 VEGETABLE ORIGIN.

WGK: 1

STORAGE: Storage away from direct light.

MASTER NAME: Tween® 20

SYNONYMS LONG TEXT: Polyoxyethylene 20 Sorbitane mono-Laurate,
Polysorbate 20

EINECS: 500-018-3

CS: 3402 42 00 90

ECOSURF™ EH-9 (Triton X-100 replacement)

CODE	A9778
CAS	64366-70-7

Packs sizes (2)

	CODE	PACKAGING SIZE
	CODE A9778,0100	PACKAGING SIZE 100 ml
	CODE A9778,0500	PACKAGING SIZE 500 ml

 Technical data	
PHYSICAL DESCRIPTION:	Liquid
PRODUCT CODE:	A9778
PRODUCT NAME:	ECOSURF™ EH-9 (Triton X-100 replacement)
HEADLINE COMMENT:	™trademark of The Dow Chemical Company
SPECIFICATIONS:	DNases/RNases/Proteases: not detectable Heavy metals (as Pb): max. 0.0005 % Solubility (1 %; H ₂ O): clear, colorless pH (1 %; H ₂ O; 25°C): 5.0 - 7.5 Identity (IR): passes test Color no.: max. 150 APHA

Cloud point: 62 - 67°C
Water: max. 0.5 %
Chloride: max. 0.005 %
Sulfate: max. 0.005 %

HAZARD PICTOGRAMS



WGK:

2

STORAGE:

RT

SIGNAL WORD:

Attention

GHS SYMBOLS:

GHS07

H PHRASES:

H319

P PHRASES:

P264
P280
P305+P351+P338
P337+P313

CS:

34024200

Digitonin (Reagent USP) *BioChemica*

CODE	A1905
CAS	11024-24-1
MOLECULAR FORMULA	$C_{56}H_{92}O_{29}$
MOLAR MASS	1229.34 g/mol

Packs sizes (2)



CODE

PACKAGING SIZE

CODE
A1905,0001

PACKAGING SIZE
1 g



CODE
A1905,0005

PACKAGING SIZE
5 g

① Technical data

PHYSICAL DESCRIPTION: Solid

PRODUCT CODE: A1905

PRODUCT NAME: Digitonin (Reagent USP) *BioChemica*

SPECIFICATIONS: Loss on drying (105°C): max. 6 %
Residue on ignition: max. 0.3 %
 $\alpha_{20^{\circ}\text{C/D}}$; 10 %; 75 % AcOH: -47° - -49°
Solubility (2.5 %, warm EtOH): clear, colorless

HAZARD PICTOGRAMS



UN:	3462
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
H PHRASES:	H301+H311 H330
P PHRASES:	P260 P301+P310 P320 P330 P361+P364 P405 P501
EINECS:	234-255-6
CS:	29389010

Detergent Neutral Solution

CODE

175054

Packs sizes (1)



CODE

PACKAGING SIZE

CODE
175054.1246

PACKAGING SIZE
4 l

Technical data

DENSITY: 1.020 kg/l

PHYSICAL DESCRIPTION: liquid

PRODUCT CODE: 175054

PRODUCT NAME: Detergent Neutral Solution

SPECIFICATIONS: COMPOSITION:
Sodium Dodecyl Sulphate: 30.0 g/l
Ethylenediaminetetraacetic Acid Disodium Salt
2-hydrate: 18.6 g/l
di-Sodium tetra-Borate 10-hydrate: 6.8 g/l
di-Sodium Hidrogen Phosphate anhydrous: 4.6 g/l
Triethylene Glycol: 10 ml/l
Identity: passes test
pH: 6.9 - 7.1

STORAGE: Room Temperature.

MASTER NAME: Detergent Neutral Solution

CS: 3822 90 00 00

Detergent Acid Solution

CODE

175055

Packs sizes (1)



CODE

PACKAGING SIZE

CODE

175055.1246

PACKAGING SIZE

4 l

Technical data

DENSITY: 1.031 kg/l

PHYSICAL DESCRIPTION: liquid

PRODUCT CODE: 175055

PRODUCT NAME: Detergent Acid Solution

SPECIFICATIONS: COMPOSITION:
N-Cetyl-N,N,N-Trimethylammonium Bromide (in
H₂SO₄ 1 N): 20 g/l
Identity: passes test

HAZARD PICTOGRAMS



UN: 1760

CLASS/PG: 8/III

ADR:	8/III
IMDG:	8/III
IATA:	8/III
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:	Detergent Acid Solution
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CS:	3822 90 00 00
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DERQUIM LM 03 Alkaline, Phosphates free LIQUID

CODE

502602

Packs sizes (1)



CODE

PACKAGING SIZE

CODE

PACKAGING SIZE

502602.1246

4 l

① Technical data

DENSITY: 1.045 kg/l

PHYSICAL DESCRIPTION: liquid

PRODUCT CODE: 502602

PRODUCT NAME: DERQUIM LM 03 Alkaline, Phosphates free LIQUID

HEADLINE COMMENT: pH solution 2%: 12-13. General use.

SPECIFICATIONS: pH sol. 2%: 12 - 13
Density 20/4: 1.045 - 1.055

HAZARD PICTOGRAMS



UN:

1824

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 H335
P PHRASES:	P280 P310 P321 P303+P361+P353 P305+P351+P338 P501 P405
MASTER NAME:	DERQUIM LM 03 Alkaline, Phosphates free LIQUID
CS:	3402 39 90 90

n-Decyl-β-D-Maltoside for crystallography

Assay (HPLC): min. 99.5 %

CODE

A6769

CAS

82494-09-5

MOLECULAR FORMULA

C₂₂H₄₂O₁₁

MOLAR MASS

482.57 g/mol

Packs sizes (1)



CODE

PACKAGING SIZE

CODE
A6769,0005

PACKAGING SIZE
5 g

Technical data

PRODUCT CODE:

A6769

PRODUCT NAME:

n-Decyl-β-D-Maltoside for crystallography

SPECIFICATIONS:

Assay (HPLC): min. 99.5 %

α_{20°C/D}; 4 %, H₂O: +53° ± 0.5°

Solubility (10 %; H₂O; 21°C): clear, colorless

Thermal transition: 89.2°C (smectic A)

Thermal transition: 208°C (isotropic)

α-Isomere (HPLC): max. 0.01 %

n-Decanol (HPLC): max. 0.001 %

A (1 cm/1 % in water HPLC grade)

260 nm: max. 0.04

STORAGE: 2 - 8°C

CS: 29329900

MEGA-8

Assay (HPLC): min. 99 %

CODE	A1386
CAS	85316-98-9
MOLECULAR FORMULA	C ₁₅ H ₃₁ NO ₆
MOLAR MASS	321.42 g/mol

Packs sizes (1)



CODE	PACKAGING SIZE
CODE A1386,0500	PACKAGING SIZE 500 g

Technical data

PHYSICAL DESCRIPTION: Solid

PRODUCT CODE: A1386

PRODUCT NAME: MEGA-8

SPECIFICATIONS:

Assay (HPLC): min. 99 %
 $\alpha_{20^{\circ}\text{C}/\text{D}}$; 2 %, H₂O: -16.5° - -18.5°
pH (1 %; H₂O): 5.5 - 6.5
Solubility (2 %; H₂O; 20°C): clear, colorless
Identity (IR): passes test
A (1 cm/1 % in water HPLC grade)
260 nm: max. 0.01

WGK:	1
STORAGE:	2 - 8°C
EINECS:	617-702-3
CS:	29241900

Lecithin from soybean 90 %

CODE	A2218
CAS	8002-43-5

Packs sizes (1)



CODE	PACKAGING SIZE
A2218,0100	100 g

① Technical data

PHYSICAL DESCRIPTION:	Solid
PRODUCT CODE:	A2218
PRODUCT NAME:	Lecithin from soybean 90 %
SPECIFICATIONS:	Phosphatidylcholine: min. 90 % Endotoxins: max. 6 EU/g Iodine value: 97 - 107 Heavy metals: max. 0.001 % Free fatty acids: max. 0.5 % Water (K.F.): max. 2 %
WGK:	1
STORAGE:	-20°C
SHIPMENT:	RT in Germany, wet ice to abroad

EINECS: 232-307-2

CS: 29232000

Lecithin from egg *BioChemica*

CODE

A0893

CAS

8002-43-5

Packs sizes (2)



CODE

PACKAGING SIZE

CODE
A0893,0100

PACKAGING SIZE
100 g



CODE
A0893,0500

PACKAGING SIZE
500 g

Technical data

PHYSICAL DESCRIPTION: Solid

PRODUCT CODE: A0893

PRODUCT NAME: Lecithin from egg *BioChemica*

SPECIFICATIONS: Phosphatidylcholine: min. 60 %
E. coli: negative
Iodine value: 60 - 70
Peroxide value: max. 3.0
Lysophosphatidylcholine: max. 3 %
nonpolar lipides: max. 20 %
Water (K.F.): max. 2 %

WGK:

1

STORAGE: -20°C

SHIPMENT: RT in Germany, wet ice to abroad

EINECS: 232-307-2

CS: 29232000

ECOSURF™ SA-9 (Triton X-100 replacement)

CODE

A9779

Packs sizes (2)

	CODE	PACKAGING SIZE
	CODE A9779,0100	PACKAGING SIZE 100 ml
	CODE A9779,0500	PACKAGING SIZE 500 ml

Technical data

PHYSICAL DESCRIPTION:	Liquid
PRODUCT CODE:	A9779
PRODUCT NAME:	ECOSURF™ SA-9 (Triton X-100 replacement)
HEADLINE COMMENT:	™trademark of The Dow Chemical Company
SPECIFICATIONS:	DNases/RNases/Proteases: not detectable Heavy metals (as Pb): max. 0.0005 % Solubility (1 %; H₂O): clear, colorless pH (1 %; H₂O; 25°C): 5.0 - 8.0 Identity (IR): passes test Color no.: max. 150 APHA Cloud point: 55 - 60°C Water: max. 0.5 %

Chloride: max. 0.005 %

Sulfate: max. 0.005 %

HAZARD PICTOGRAMS



WGK: 2

STORAGE: RT

SIGNAL WORD: Attention

GHS SYMBOLS: GHS07

H PHRASES: H319

P PHRASES: P264
P280
P305+P351+P338
P337+P313

CS: 34024200

Saponin from Quillaja Bark (DAB) pure, pharma grade

CODE

A4518

CAS

8047-15-2

Packs sizes (1)



CODE

PACKAGING SIZE

CODE
A4518,0100

PACKAGING SIZE
100 g

Technical data

PHYSICAL DESCRIPTION:

Solid

PRODUCT CODE:

A4518

PRODUCT NAME:

Saponin from Quillaja Bark (DAB) pure, pharma grade

SPECIFICATIONS:

Extinction: max. 0.4
Surface-tension [20°C, 0,1 % solution]: 35 - 55 dyn/cm
pH (5 %; H₂O): 4 - 7
Foam-rate: 6 - 17
Specific density: 1.01 - 1.02 g/L
Muddiness: max. 30 TE/F
TLC: passes test
Sapogenin content: 10 - 14 %

HAZARD PICTOGRAMS



WGK:

2

STORAGE:

RT

SIGNAL WORD:

Attention

GHS SYMBOLS:

GHS07

H PHRASES:

H319

H335

P PHRASES:

P261

P280

P305+P351+P338

P403+P233

P405

P501

EINECS:

232-462-6

CS:

29389090

n-Octyl-β-D-Glucopyranoside pure

Assay (HPLC): min. 99 %

CODE	Z46373
CAS	29836-26-8
MOLECULAR FORMULA	C ₁₄ H ₂₈ O ₆
MOLAR MASS	292.38 g/mol

Packs sizes (1)



CODE	PACKAGING SIZE
CODE Z46373.1211	PACKAGING SIZE 1 kg

Technical data

PHYSICAL DESCRIPTION: Solid

PRODUCT CODE: Z46373

PRODUCT NAME: n-Octyl-β-D-Glucopyranoside pure

SPECIFICATIONS:

Assay (HPLC): min. 99 %
α₂₀°C/D; 1 %, CH₃OH: -28° - -32°
Identity (IR): passes test
Heavy metals (as Pb): max. 0.001 %
Octanol: max. 0.005 %
Glucose: max. 1 %
Microbial limits
Bacterial endotoxins: max. 20 IU/g
Total aerobic microbial counts (TAMC) and Total

combined yeast & moulds count (TYMC): max.
100 CFU/g

WGK:	1
STORAGE:	2 - 8°C

EINECS:	249-887-8
CS:	29400000

n-Octyl-β-D-Glucopyranoside *BioChemica*

Assay (HPLC): min. 99 %

CODE

A1010

CAS

29836-26-8

MOLECULAR FORMULA

C₁₄H₂₈O₆

MOLAR MASS

292.38 g/mol

Packs sizes (1)



CODE

PACKAGING SIZE

CODE
A1010,0025

PACKAGING SIZE
25 g

Technical data

PHYSICAL DESCRIPTION:

Solid

PRODUCT CODE:

A1010

PRODUCT NAME:

n-Octyl-β-D-Glucopyranoside *BioChemica*

SPECIFICATIONS:

Assay (HPLC): min. 99 %
α₂₀°C/D; 5 %, H₂O: -33° ± 2°
Identity (IR): passes test

WGK:

1

STORAGE:

2 - 8°C

EINECS: 249-887-8

CS: 29400000

N-Lauroylsarcosinate solution 30 % pure

CODE

A3457

Packs sizes (1)



CODE

PACKAGING SIZE

CODE
A3457,0500

PACKAGING SIZE
500 ml

Technical data

PHYSICAL DESCRIPTION:

Liquid

PRODUCT CODE:

A3457

PRODUCT NAME:

N-Lauroylsarcosinate solution 30 % pure

SPECIFICATIONS:

Appearance of solution: clear, yellowish
pH (H₂O; 20°C): 7.0 - 9.0

Composition:

Lauroylsarcosinate: 300 g/L

HAZARD PICTOGRAMS



UN:

2810

CLASS/PG:

6.1/II

ADR:

6.1/II

IMDG:	6.1/II
IATA:	6.1/II
WGK:	1
STORAGE:	2 - 8°C
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS05 GHS06

H PHRASES:	H315 H317 H318 H330
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P PHRASES:	P260 P305+P351+P338 P310 P320 P362+P364 P405 P501
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CS:	29241900
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n-Dodecyl- β -D-Maltoside *BioChemica*

Assay (HPLC): min. 99 %

CODE

A0819

CAS

69227-93-6

MOLECULAR FORMULA

C₂₄H₄₆O₁₁

MOLAR MASS

510.63 g/mol

Packs sizes (1)



CODE

PACKAGING SIZE

CODE
A0819,0005

PACKAGING SIZE
5 g

Technical data

PHYSICAL DESCRIPTION:

Solid

PRODUCT CODE:

A0819

PRODUCT NAME:

n-Dodecyl- β -D-Maltoside *BioChemica*

SPECIFICATIONS:

Assay (HPLC): min. 99 %
 α 20°C/D; 1 %, H₂O: +46° - +50°
Solubility (10 %; H₂O): clear, colorless

WGK:

1

STORAGE:

2 - 8°C

CS:

29389090

SDS *BioChemica*

Assay (titr.): min. 99 %

CODE

A2572

CAS

151-21-3

MOLECULAR FORMULA

C₁₂H₂₅NaO₄S

MOLAR MASS

288.38 g/mol

Packs sizes (1)

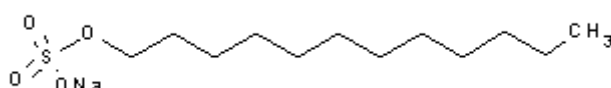


CODE

PACKAGING SIZE

CODE
A2572,0250

PACKAGING SIZE
250 g



Technical data

SOLUBILITY: 150 g/L (H₂O)

PHYSICAL DESCRIPTION: Solid

PRODUCT CODE: A2572

PRODUCT NAME: SDS *BioChemica*

SPECIFICATIONS: Assay (titr.): min. 99 %

Heavy metals (as Pb): max. 0.001 %
Insoluble matter: passes test
Water (K.F.): max. 2.0 %
Chloride: max. 0.05 %
Phosphate: max. 0.01 %

HAZARD PICTOGRAMS



UN: 1325

CLASS/PG: 4.1/II

ADR: 4.1/II

IMDG: 4.1/II

IATA: 4.1/II

WGK: 2

STORAGE: RT

SIGNAL WORD: Danger

GHS SYMBOLS:
GHS02
GHS05
GHS07

H PHRASES:
H228
H302
H315
H318
H335
H412

P PHRASES:
P280
P305+P351+P338
P310
P321
P330
P362+P364

P405
P501

EINECS: 205-788-1

CS: 29209010

SDS 0.004 mol/l volumetric solution

Dodecyl Sulphate Sodium salt, Laurylsulphate Sodium Salt, SDS, Sodium Laurylsulphate

CODE

182792

CAS

151-21-3

MOLECULAR FORMULA

$C_{12}H_{25}NaO_4S$

MOLAR MASS

288.38 g/mol

Packs sizes (1)



CODE

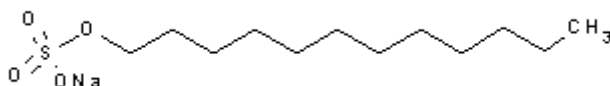
PACKAGING SIZE

CODE

PACKAGING SIZE

182792.1211

1000 ml



① Technical data

DENSITY:

1.000 kg/l

SOLUBILITY:

Miscible with water

PHYSICAL DESCRIPTION:

liquid

PRODUCT CODE:

182792

PRODUCT NAME: SDS 0.004 mol/l volumetric solution

QUALITY NAME: volumetric solution

HEADLINE COMMENT: for titration of cationic surfactants

SPECIFICATIONS: Titer at 20°C: 0.999 - 1.001
Uncertainty: See certificate
Traceability: NIST

WGK: 2

STORAGE: Room Temperature.

MASTER NAME: Sodium Dodecyl Sulphate 0,004 mol/l

SYNONYMS LONG TEXT: Dodecyl Sulphate Sodium salt, Laurylsulphate
Sodium Salt, SDS, Sodium Laurylsulphate

EINECS: 205-788-1

CS: 2920 90 10 90

SDS solution 20 % pure

CODE

A3942

Packs sizes (1)



CODE

PACKAGING SIZE

CODE
A3942,1000

PACKAGING SIZE
1 L

Technical data

PHYSICAL DESCRIPTION:

Liquid

PRODUCT CODE:

A3942

PRODUCT NAME:

SDS solution 20 % pure

HEADLINE COMMENT:

SDS precipitates at temperatures below 15°C. It can be dissolved by warming in a water bath above 37°C.

SPECIFICATIONS:

Appearance of solution: clear, yellowish

pH (25°C): 7.0 - 10.5

Composition:

SDS: 200 g/L

HAZARD PICTOGRAMS



WGK:

2

STORAGE:	RT
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS05 GHS07
H PHRASES:	H315 H318 H335
P PHRASES:	P261 P305+P351+P338 P310 P321 P362+P364 P405 P501

CS:	29209010
-----	----------

SDS - solution 10 % for molecular biology

CODE

A0676

Packs sizes (1)



CODE

PACKAGING SIZE

CODE

A0676,1000

PACKAGING SIZE

1 L

Technical data

PHYSICAL DESCRIPTION:

Liquid

PRODUCT CODE:

A0676

PRODUCT NAME:

SDS - solution 10 % for molecular biology

HEADLINE COMMENT:

SDS precipitates at temperatures below 15°C. It can be dissolved by warming in a water bath above 37°C.

SPECIFICATIONS:

DNases/RNases/Proteases: not detectable

Appearance of solution: clear, colorless

pH (25°C): 5.0 - 7.0

Composition:

SDS: 100 g/L

A (1 cm/0.1 M HPLC water)

260 nm: max. 0.04

280 nm: max. 0.02

HAZARD PICTOGRAMS



WGK:

2

STORAGE:

RT

SIGNAL WORD:

Attention

GHS SYMBOLS:

GHS07

H PHRASES:

H315

H319

P PHRASES:

P264

P280

P305+P351+P338

P332+P313

P337+P313

P362+P364

CS:

29209010

Saponin from *Quillaja* Bark pure

CODE

A2542

CAS

8047-15-2

Packs sizes (1)



CODE

PACKAGING SIZE

CODE
A2542,1000

PACKAGING SIZE
1 kg

① Technical data

PHYSICAL DESCRIPTION:

Solid

PRODUCT CODE:

A2542

PRODUCT NAME:

Saponin from *Quillaja* Bark pure

SPECIFICATIONS:

pH (5 %; H₂O): 4.0 - 7.0

Sapogenin content: 10 - 14 %

HAZARD PICTOGRAMS



WGK:

2

STORAGE:

RT

SIGNAL WORD:

Attention

GHS SYMBOLS:

GHS07

H PHRASES:

H319

H335

P PHRASES:

P261

P280

P305+P351+P338

P403+P233

P405

P501

EINECS:

232-462-6

CS:

29389090

Sodium Cholate *BioChemica*

Assay (HPLC): min. 99 %

CODE

A0979

CAS

361-09-1

MOLECULAR FORMULA

C₂₄H₃₉NaO₅

MOLAR MASS

430.57 g/mol

Packs sizes (1)

CODE

PACKAGING SIZE



CODE

A0979,0100

PACKAGING SIZE

100 g

Product active until stock lasts.

Technical data

PHYSICAL DESCRIPTION:

Solid

PRODUCT CODE:

A0979

PRODUCT NAME:

Sodium Cholate *BioChemica*

SPECIFICATIONS:

Assay (HPLC): min. 99 %

α 20°C/D; 0.6 %, EtOH: +35° - +37°

pH (0.1 M; H₂O; 20°C): 7.0 - 9.0

Water (K.F.): max. 5 %

WGK:

1

STORAGE:

RT

EINECS: 206-643-5

CS: 29181930

SDS ultrapure

Assay (titr.): min. 99.0 %

CODE

A1112

CAS

151-21-3

MOLECULAR FORMULA

C₁₂H₂₅NaO₄S

MOLAR MASS

288.38 g/mol

Packs sizes (2)



CODE

PACKAGING SIZE

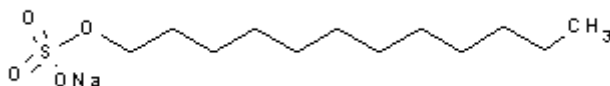
CODE
A1112,0500

PACKAGING SIZE
500 g



CODE
A1112,9010

PACKAGING SIZE
10 kg



Technical data

SOLUBILITY: 150 g/L (H₂O)

PHYSICAL DESCRIPTION: Solid

PRODUCT CODE:	A1112
PRODUCT NAME:	SDS ultrapure
SPECIFICATIONS:	Assay (titr.): min. 99.0 % Water (K.F.): max. 1.0 % Chloride: max. 0.025 % Phosphate: max. 0.0001 % Pb: max. 0.0005 % A (1 cm/0.1 M in H ₂ O) 260 nm: max. 0.04 280 nm: max. 0.02

HAZARD PICTOGRAMS



UN:	1325
CLASS/PG:	4.1/II
ADR:	4.1/II
IMDG:	4.1/II
IATA:	4.1/II
WGK:	2
STORAGE:	RT
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS05 GHS07
H PHRASES:	H228 H302 H315 H318 H335 H412

P PHRASES:

P280
P305+P351+P338
P310
P321
P330
P362+P364
P405
P501

EINECS:

205-788-1

CS:

29209010

SDS solution 10% w/v pure

Dodecyl Sulphate Sodium Salt, Laurylsulphate Sodium Salt, SDS, Sodium Laurylsulphate

Assay (w/v): 9.8-10.2 %

CODE

146132

CAS

151-21-3

MOLECULAR FORMULA

$C_{12}H_{25}NaO_4S$

MOLAR MASS

288.38 g/mol

Packs sizes (1)



CODE

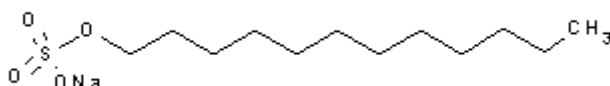
PACKAGING SIZE

CODE

PACKAGING SIZE

146132.1315

10 l



Technical data

DENSITY:

1.012 kg/l

PHYSICAL DESCRIPTION:

liquid

PRODUCT CODE:

146132

PRODUCT NAME:

SDS solution 10% w/v pure

QUALITY NAME:	pure
SPECIFICATIONS:	Assay (w/v): 9.8-10.2 %

HAZARD PICTOGRAMS



WGK:	2
STORAGE:	Room Temperature.
SIGNAL WORD:	Warning
GHS SYMBOLS:	GHS07
H PHRASES:	H319 H315
P PHRASES:	P264 P280 P302+P352 P305+P351+P338 P332+P313 P321 P337+P313 P362

MASTER NAME:	Sodium Dodecyl Sulphate solution 10% w/v
SYNONYMS LONG TEXT:	Dodecyl Sulphate Sodium Salt, Laurylsulphate Sodium Salt, SDS, Sodium Laurylsulphate
EINECS:	205-788-1
CS:	2920 90 10 90

SDS grained pure

Assay (titr.): min. 96 %

CODE

A7249

CAS

151-21-3

MOLECULAR FORMULA

C₁₂H₂₅NaO₄S

MOLAR MASS

288.38 g/mol

Packs sizes (2)



CODE

CODE
A7249,1000

PACKAGING SIZE

PACKAGING SIZE
1 kg

Product active until stock lasts.



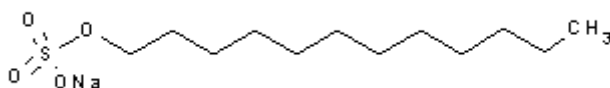
CODE

A7249,5000

PACKAGING SIZE

5 kg

Product active until stock lasts.



① Technical data

SOLUBILITY: 150 g/L (H₂O)

PHYSICAL DESCRIPTION: Solid

PRODUCT CODE:	A7249
PRODUCT NAME:	SDS grained pure
SPECIFICATIONS:	Assay (titr.): min. 96 % Appearance of substance: white to pale yellow granulate pH (10 %; H ₂ O; 20°C): 7.0 - 10.5 Sodium chloride: max. 1.0 % Sodium sulfate: max. 2.5 % Water (K.F.): max. 2.5 %

HAZARD PICTOGRAMS



UN:	1325
CLASS/PG:	4.1/II
ADR:	4.1/II
IMDG:	4.1/II
IATA:	4.1/II
WGK:	2
STORAGE:	RT
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS05 GHS07
H PHRASES:	H228 H302 H315 H318 H335 H412

P PHRASES:

P280

P305+P351+P338

P310

P321

P330

P362+P364

P405

P501

EINECS:

205-788-1

CS:

29209010

SDS for molecular biology

Assay (titr.): min. 99.0 %

CODE

A2263

CAS

151-21-3

MOLECULAR FORMULA

C₁₂H₂₅NaO₄S

MOLAR MASS

288.38 g/mol

Packs sizes (2)



CODE

CODE
A2263,0100

PACKAGING SIZE

PACKAGING SIZE
100 g

Product active until stock lasts.



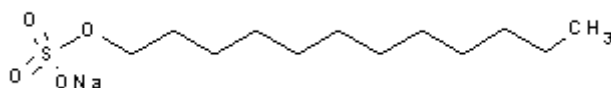
CODE

A2263,1000

PACKAGING SIZE

1 kg

Product active until stock lasts.



① Technical data

SOLUBILITY:

150 g/L (H₂O)

PHYSICAL DESCRIPTION:

Solid

PRODUCT CODE:	A2263
PRODUCT NAME:	SDS for molecular biology
SPECIFICATIONS:	DNases/RNases/Proteases: not detectable Assay (titr.): min. 99.0 % Water (K.F.): max. 1.0 % Chloride: max. 0.025 % Phosphate: max. 0.0001 % Pb: max. 0.0005 % A (1 cm/0.1 M in H ₂ O) 260 nm: max. 0.04 280 nm: max. 0.02

HAZARD PICTOGRAMS



UN:	1325
CLASS/PG:	4.1/II
ADR:	4.1/II
IMDG:	4.1/II
IATA:	4.1/II
WGK:	2
STORAGE:	RT
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS05 GHS07
H PHRASES:	H228 H302 H315 H318 H335

H412

P PHRASES:

P280

P305+P351+P338

P310

P321

P330

P362+P364

P405

P501

EINECS:

205-788-1

CS:

29209010

Tween® 20 (RFE, USP-NF, BP, Ph. Eur.) pure, pharma grade

Polyoxyethylene 20 Sorbitane mono-Laurate, Polysorbate 20

CODE

Z42312

CAS

9005-64-5

Packs sizes (1)



CODE

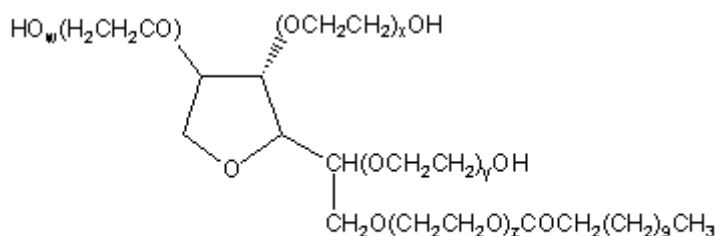
PACKAGING SIZE

CODE

PACKAGING SIZE

Z42312.0716

25 l



$$w + x + y + z = 20$$

① Technical data

BOILING POINT:

> 100 °C

DENSITY:

1.105 kg/l

SOLUBILITY:

water 100 g/l at 25 °C

REFRACTIVE INDEX:

20/D 1.4735

PHYSICAL DESCRIPTION:

liquid

PRODUCT CODE:	Z42312
PRODUCT NAME:	Tween® 20 (RFE, USP-NF, BP, Ph. Eur.) pure, pharma grade
QUALITY NAME:	pure, pharma grade
HEADLINE COMMENT:	(® Registered trade-mark of ICI)
SPECIFICATIONS:	Identity according to Pharmacopoeias:: passes test

Maximum limit of impurities

Residue on ignition (as SO₄): 0.2 %
Acidity value: 2.0
Hydroxyl value: 96-108
Iodine value: 5
Peroxide value: 10.0
Saponification value: 40-50
Composition of fatty acids: passes test
Total ashes: 0.25%
Residual solvents (Ph.Eur/USP): passes test
Dioxan: 0.001%
Ethylene Oxide: 0.0001%
Reducing impurities: passes test
Water (H₂O): 3.0 %
Heavy metals (as Pb): 0.001%
As: 0.0001 %
VEGETABLE ORIGIN.

WGK:	1
STORAGE:	Storage away from direct light.

MASTER NAME:	Tween® 20
SYNONYMS LONG TEXT:	Polyoxyethylene 20 Sorbitane mono-Laurate, Polysorbate 20
EINECS:	500-018-3
CS:	3402 42 00 90

Tween® 20 for synthesis

Polyoxyethylene 20 Sorbitane mono-Laurate, Polysorbate 20

CODE

162312

CAS

9005-64-5

Packs sizes (1)



CODE

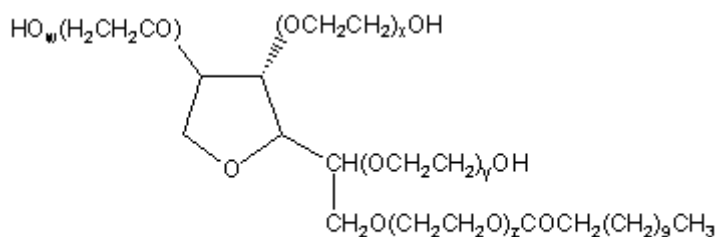
PACKAGING SIZE

CODE

PACKAGING SIZE

162312.1214

5 l



① Technical data

BOILING POINT:	> 100 °C
DENSITY:	1.105 kg/l
SOLUBILITY:	water 100 g/l at 25 °C
REFRACTIVE INDEX:	20/D 1.4735
PHYSICAL DESCRIPTION:	liquid

PRODUCT CODE:	162312
PRODUCT NAME:	Tween ® 20 for synthesis
QUALITY NAME:	for synthesis
HEADLINE COMMENT:	(® Registered trade-mark of ICI)
SPECIFICATIONS:	Hydroxyl value: 96-108 Saponification value: 40-50
WGK:	1
STORAGE:	Storage away from direct light.
MASTER NAME:	Tween® 20
SYNONYMS LONG TEXT:	Polyoxyethylene 20 Sorbitane mono-Laurate, Polysorbate 20
EINECS:	500-018-3
CS:	3402 42 00 90

Tween® 20 for molecular biology

CODE	A4974
CAS	9005-64-5
MOLECULAR FORMULA	$C_{58}H_{114}O_{26}$
MOLAR MASS	1227.72 g/mol

Packs sizes (4)



CODE
A4974,0100

PACKAGING SIZE
100 ml

Product active until stock lasts.



CODE
A4974,0250

PACKAGING SIZE
250 ml

Product active until stock lasts.



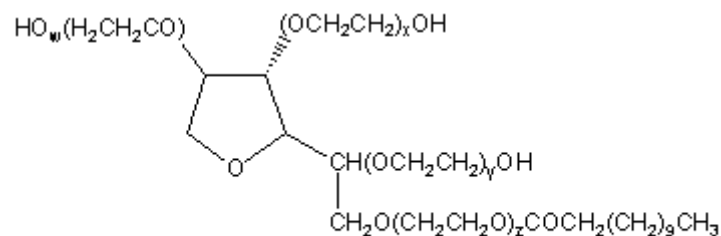
CODE
A4974,0500

PACKAGING SIZE
500 ml



CODE
A4974,1000

PACKAGING SIZE
1 L



$$w + x + y + z = 20$$

Technical data

SOLUBILITY: 100 g/L (H₂O)

PHYSICAL DESCRIPTION: Liquid

PRODUCT CODE: A4974

PRODUCT NAME: Tween® 20 for molecular biology

HEADLINE COMMENT: ®trademark of ICI America Inc.

SPECIFICATIONS: DNases/RNases/Proteases: not detectable
Density (d 20°C/4°C): 1.095 - 1.105
Hydroxyl-No.: approx. 100
Saponification value: 40 - 50

WGK: 1

STORAGE: RT

EINECS: 500-018-3

CS: 34024200

TERGITOL™ 15-S-9 (Triton X-100 replacement)

CODE

A9780

CAS

68131-40-8

MOLAR MASS

~596 g/mol

Packs sizes (2)



CODE

PACKAGING SIZE

CODE
A9780,0100

PACKAGING SIZE
100 ml



CODE
A9780,0500

PACKAGING SIZE
500 ml

① Technical data

PHYSICAL DESCRIPTION:

Liquid

PRODUCT CODE:

A9780

PRODUCT NAME:

TERGITOL™ 15-S-9 (Triton X-100 replacement)

HEADLINE COMMENT:

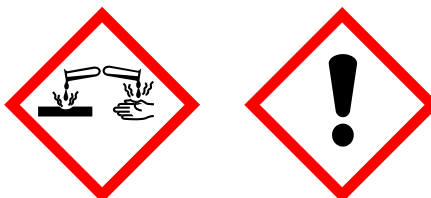
™trademark of The Dow Chemical Company

SPECIFICATIONS:

DNases/RNases/Proteases: not detectable
Heavy metals (as Pb): max. 0.0005 %
Solubility (1 %; H₂O): clear, colorless
pH (1 %; H₂O; 25°C): 5,5 - 7,5

Identity (IR): passes test
Color no.: max. 75 APHA
Cloud point: 57.5 - 62.5°C
Water: max. 0.5 %
Chloride: max. 0.005 %
Sulfate: max. 0.005 %

HAZARD PICTOGRAMS



WGK:

2

STORAGE:

RT

SIGNAL WORD:

Danger

GHS SYMBOLS:

GHS05
GHS07

H PHRASES:

H302+H332
H315
H318

P PHRASES:

P261
P305+P351+P338
P310
P321
P330
P362+P364
P501

CS:

34024200

Sodium Deoxycholate *BioChemica*

Assay (HPLC): min. 98.5 %

CODE

A1531

CAS

302-95-4

MOLECULAR FORMULA

C₂₄H₃₉NaO₄

MOLAR MASS

414.57 g/mol

Packs sizes (3)



CODE

PACKAGING SIZE

CODE
A1531,0100

PACKAGING SIZE
100 g



CODE
A1531,1000

PACKAGING SIZE
1 kg



CODE
A1531,5000

PACKAGING SIZE
5 kg

Technical data

PRODUCT CODE: A1531

PRODUCT NAME: Sodium Deoxycholate *BioChemica*

SPECIFICATIONS: Assay (HPLC): min. 98.5 %
Loss on drying: max. 5.0 %
 $\alpha_{20^{\circ}\text{C/D; 2 \%}, \text{H}_2\text{O}}$: +44° ± 2°

pH (2 %; H₂O; 20°C): 7.5 - 9.5

Heavy metals: max. 0.002 %

Sodium cholate: max. 2.0 %

HAZARD PICTOGRAMS



WGK:

1

STORAGE:

RT

SIGNAL WORD:

Attention

GHS SYMBOLS:

GHS07

H PHRASES:

H302

H315

H319

P PHRASES:

P280

P301+P312

P305+P351+P338

P330

P332+P313

P501

EINECS:

206-132-7

CS:

29181930

Tween® 80 BioChemica

CODE

A1390

CAS

9005-65-6

MOLAR MASS

1310 g/mol

Packs sizes (1)



CODE

PACKAGING SIZE

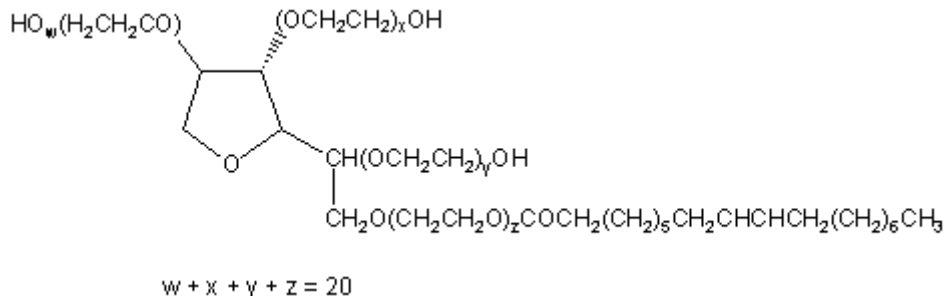
CODE

PACKAGING SIZE

A1390,1000

1 L

Product active until stock lasts.



Technical data

PHYSICAL DESCRIPTION:

Liquid

PRODUCT CODE:

A1390

PRODUCT NAME:

Tween® 80 BioChemica

HEADLINE COMMENT:

®trademark of ICI America Inc.

SPECIFICATIONS:

Appearance (liquid): yellowish-brownish, clear, oily

Density (d 25°C/25°C): 1.06 - 1.09

Hydroxyl-No.: approx. 75

Saponification No.: 45 - 55

WGK:

1

STORAGE:

RT

EINECS:

500-019-9

CS:

34024200

Tween® 80 for synthesis

Polyoxyethylene 20 Sorbitane mono-Oleate, Polysorbate 80

CODE

162050

CAS

9005-65-6

Packs sizes (1)



CODE

PACKAGING SIZE

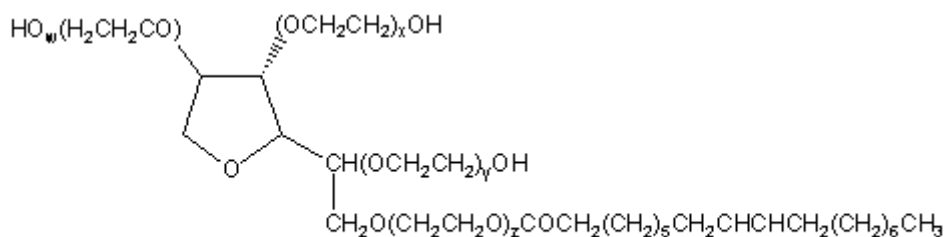
CODE

PACKAGING SIZE

162050.1611

1000 ml

Product active until stock lasts.



$$w + x + y + z = 20$$

① Technical data

BOILING POINT:

> 100 °C

DENSITY:

1.075 kg/l

SOLUBILITY:

Soluble in water.

REFRACTIVE INDEX:

20/D 1.472

PHYSICAL DESCRIPTION:

liquid

PRODUCT CODE:	162050
PRODUCT NAME:	Tween ® 80 for synthesis
QUALITY NAME:	for synthesis
HEADLINE COMMENT:	(® Registered trade-mark of ICI)
SPECIFICATIONS:	Hydroxyl value: 65-80 Saponification value: 45-55

WGK:	1
STORAGE:	Storage away from direct light.

MASTER NAME:	Tween ® 80
SYNONYMS LONG TEXT:	Polyoxyethylene 20 Sorbitane mono-Oleate, Polysorbate 80
EINECS:	500-019-9
CS:	3402 42 00 90

По вопросам продаж и поддержки обращайтесь:

Алматы (727)3454704
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Благовещенск (4162)22-76-07
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Владикавказ (8672)28-90-48
Владимир (4922)49-43-18
Волгоград (844)278-03-48
Вологда (8172)26-41-59
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Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
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
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
Псков (8112)59-10-37
Пермь (342)205-81-47

Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
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
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