

Элементы и элементарные решения

Технические характеристики

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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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Bromine Water saturated solution (Reag. Ph. Eur.)

171072

7726-95-6

$$\text{Br}_2$$

159.92 g/mol

Packs sizes (1)



PACKAGING SIZE

PACKAGING SIZE
500 ml

Product active until stock lasts.

① Technical data

DENSITY: 1.03 kg/l

PHYSICAL DESCRIPTION: liquid

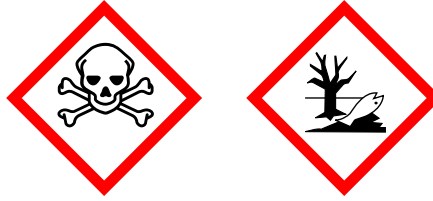
PRODUCT CODE: 171072

PRODUCT NAME: Bromine Water saturated solution (Reag. Ph. Eur.)

SPECIFICATIONS:

COMPOSITION:
Bromine: 1.5 ml
Water: 100 ml

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
WGK:	2
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS06 GHS09
H PHRASES:	H331 H319 H315 H411
P PHRASES:	P261 P264 P271 P273 P280 P501 P302+P352 P304+P340 P305+P351+P338 P311 P321 P332+P313 P337+P313 P362 P391

P403+P233

P405

MASTER NAME:

Bromine Water saturated solution

CS:

2801 30 90 00

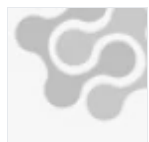
Bromine solution 1%, in hydrobromic acid for analysis

Assay (as Br₂) w/w: 1.0±0.2 %

CODE

126294

Packs sizes (1)



CODE

PACKAGING SIZE

CODE

126294.1611

PACKAGING SIZE

1000 ml

① Technical data

DENSITY: 1.500 kg/l

PHYSICAL DESCRIPTION: liquid

PRODUCT CODE: 126294

PRODUCT NAME: Bromine solution 1%, in hydrobromic acid for analysis

QUALITY NAME: for analysis

SPECIFICATIONS: Assay (as Br₂) w/w: 1.0±0.2 %

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
WGK:	2
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS07 GHS05
H PHRASES:	H314 H335
P PHRASES:	P260 P261 P264 P271 P273 P501 P280 P284 P301+P330+P331 P302+P352 P303+P361+P353 P304+P340 P305+P351+P338 P310 P312 P320 P321 P332+P313 P337+P313 P338 P362 P363 P391

P403+P233

P405

MASTER NAME:

Bromine solution 1%, *in hydrobromic acid

CS:

3822 90 00 00

Bromine (Reag. Ph. Eur.) for analysis, ACS, ISO

Minimum assay (Iodom.): 99.5%

CODE	131199
CAS	7726-95-6
MOLECULAR FORMULA	Br ₂
MOLAR MASS	159.82 g/mol

Packs sizes (1)



CODE	PACKAGING SIZE
CODE 131199.2208	PACKAGING SIZE 100 ml

① Technical data

MELTING POINT:	-7.25 °C
BOILING POINT:	58.78 °C
DENSITY:	3.190 kg/l
SOLUBILITY:	water 42 g/l at 20 °C
PHYSICAL DESCRIPTION:	liquid volatile

PRODUCT CODE:	131199
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PRODUCT NAME: Bromine (Reag. Ph. Eur.) for analysis, ACS, ISO

QUALITY NAME: for analysis, ACS, ISO

SPECIFICATIONS: Minimum assay (Iodom.): 99.5%

Maximum limit of impurities

Non-volatile matter: 0.005 %

Chlorine (Cl): 0.05%

Sulfur compounds (as S): 0.001 %

Organic brominated compounds: passes test

Iodine (I): 0.0005%

Heavy metals (as Pb): 0.0002%

Metals by ICP [in mg/Kg (ppm)]

Ag: 0.1

Al: 0.5

As: 0.5

Au: 0.1

B: 0.2

Ba: 0.5

Be: 0.5

Bi: 0.1

Ca: 5

Cd: 0.2

Co: 0.2

Cr: 0.2

Cu: 0.2

Fe: 0.5

Ga: 0.1

Ge: 0.1

Hg: 0.1

In: 0.1

K: 5

Li: 0.2

Mg: 5

Mn: 0.2

Mo: 0.1

Na: 5

Ni: 0.2

Pb: 0.5

Pt: 0.1

Sb: 0.1

Si: 0.4

Sn: 0.1
Sr: 5
Ti: 0.1
Tl: 0.1
V: 0.1
Zn: 0.5
Zr: 0.1

HAZARD PICTOGRAMS



UN: 1744

CLASS/PG: 8(6.1)/I

ADR: 8(6.1)/I

IMDG: 8(6.1)/I

IATA: 8(6.1)/I

WGK: 2

STORAGE: Room Temperature.

SIGNAL WORD: Danger

GHS SYMBOLS: GHS06
GHS05
GHS09

H PHRASES: H330
H314
H400

P PHRASES: P260
P264
P271
P273
P280
P501
P284
P301+P330+P331

P303+P361+P353
P304+P340
P305+P351+P338
P310
P320
P321
P338
P363
P391
P403+P233
P405

MASTER NAME:	Bromine
EINECS:	231-778-1
CS:	2801 30 90 00
INDEX NR.:	035-001-00-5

Bromine pure

Assay (Iodom.): 99%

CODE

141199

CAS

7726-95-6

MOLECULAR FORMULA

Br₂

MOLAR MASS

159.82 g/mol

Packs sizes (1)



CODE

PACKAGING SIZE

CODE

141199.2209

PACKAGING SIZE

250 ml

Technical data

MELTING POINT: -7.25 °C

BOILING POINT: 58.78 °C

DENSITY: 3.190 kg/l

SOLUBILITY: water 42 g/l at 20 °C

PHYSICAL DESCRIPTION: liquid
volatile

PRODUCT CODE: 141199

PRODUCT NAME: Bromine pure

QUALITY NAME:	pure
SPECIFICATIONS:	Assay (Iodom.): 99% Non-volatile matter: 0.05 % Chlorine (Cl): 0.3% Sulfate (SO ₄): 0.003% Iodine (I): 0.001% As: 0.0001 % Cu: 0.0005 % Ni: 0.0005 % Pb: 0.00005 %

HAZARD PICTOGRAMS



UN:	1744
CLASS/PG:	8(6.1)/I
ADR:	8(6.1)/I
IMDG:	8(6.1)/I
IATA:	8(6.1)/I
WGK:	2
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS06 GHS05 GHS09
H PHRASES:	H330 H314 H400
P PHRASES:	P260 P264 P271

P273
P280
P501
P284
P301+P330+P331
P303+P361+P353
P304+P340
P305+P351+P338
P310
P320
P321
P338
P363
P391
P403+P233
P405

MASTER NAME:	Bromine
EINECS:	231-778-1
CS:	2801 30 90 00
INDEX NR.:	035-001-00-5

Bromine (Bromate-Bromide) 0.05 mol/l (0.1N) (Reag. USP) volumetric solution

CODE

182000

Packs sizes (1)



CODE

PACKAGING SIZE

CODE

182000.1211

PACKAGING SIZE

1000 ml

Technical data

DENSITY: 1.011 kg/l

PHYSICAL DESCRIPTION: liquid

PRODUCT CODE: 182000

PRODUCT NAME: Bromine (Bromate-Bromide) 0.05 mol/l (0.1N) (Reag. USP) volumetric solution

QUALITY NAME: volumetric solution

HEADLINE COMMENT: Standardised against Sodium Thiosulfate 0.1N. Indicator: Starch.

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

HAZARD PICTOGRAMS



WGK: 3

STORAGE: Room Temperature.

SIGNAL WORD: Danger

GHS SYMBOLS: GHS08

H PHRASES: H350

P PHRASES: P201
P202
P280
P308+P313
P405
P501

MASTER NAME: Bromine (Bromate-Bromide) 0,05 mol/l *(0,1N)

CS: 3822 90 00 00

Iodine 0.05 mol/l (0.1N) (Reag. USP, Ph.Eur.) volumetric solution

CODE	181772
CAS	7553-56-2
MOLECULAR FORMULA	I ₂
MOLAR MASS	253.81 g/mol

Packs sizes (2)



CODE	PACKAGING SIZE
CODE 181772.1611	PACKAGING SIZE 1000 ml



CODE	PACKAGING SIZE
CODE 181772.1612	PACKAGING SIZE 2.5 l

Technical data

DENSITY: 1.026 kg/l

PHYSICAL DESCRIPTION: liquid

PRODUCT CODE: 181772

PRODUCT NAME: Iodine 0.05 mol/l (0.1N) (Reag. USP, Ph.Eur.)
volumetric solution

QUALITY NAME: volumetric solution

HEADLINE COMMENT: Standardised against Sodium Thiosulphate 0,1 M.
Indicator: Starch

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

HAZARD PICTOGRAMS



WGK: 1

STORAGE: Room Temperature.

SIGNAL WORD: Warning

GHS SYMBOLS: GHS08

H PHRASES: H373

P PHRASES: P501
P260
P314

MASTER NAME: Iodine 0,05 mol/l *(0,1N) Iodine 0,05 mol/l *(0,1N)

EINECS: 231-442-4

CS: 2801 20 00 00

INDEX NR.: 053-001-00-3

Iodine 0.05 mol (12.690g I₂) to prepare 1l of 0.1N solution

CODE

303119

CAS

7553-56-2

Packs sizes (1)



CODE

PACKAGING SIZE

CODE
303119.1920

PACKAGING SIZE
amp63ml

Technical data

PHYSICAL DESCRIPTION:

Plastic or glass ampoules containing clear brown liquid

PRODUCT CODE:

303119

PRODUCT NAME:

Iodine 0.05 mol (12.690g I₂) to prepare 1l of 0.1N solution

SPECIFICATIONS:

Titer at 20°C: 0.997 - 1.003
Traceability: See certificate

HAZARD PICTOGRAMS



WGK:

1

STORAGE: Room Temperature.

SIGNAL WORD: Warning

GHS SYMBOLS: GHS08

H PHRASES: H373

P PHRASES: P260
P314
P501

MASTER NAME: Iodine 0,05 mol *(12,690g I₂) to prepare 1l of 0,1N solution

EINECS: 231-442-4

CS: 2801 20 00 00

Iodine 0.025 mol/l (0.05N) (Reag. USP) volumetric solution

CODE

182161

CAS

7553-56-2

MOLECULAR FORMULA

I₂

MOLAR MASS

253.81 g/mol

Packs sizes (1)



CODE

PACKAGING SIZE

CODE

PACKAGING SIZE

182161.1611

1000 ml

① Technical data

DENSITY: 1.015 kg/l

PHYSICAL DESCRIPTION: liquid

PRODUCT CODE: 182161

PRODUCT NAME: Iodine 0.025 mol/l (0.05N) (Reag. USP) volumetric solution

QUALITY NAME: volumetric solution

HEADLINE COMMENT: Standardised against Sodium Thiosulphate 0,1 M.
Indicator: Starch

SPECIFICATIONS:

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

WGK:

1

STORAGE:

Room Temperature.

H PHRASES:

H412

P PHRASES:

P273
P501

MASTER NAME:

Iodine 0,025 mol/l *(0,05N)

EINECS:

231-442-4

CS:

2801 20 00 00

INDEX NR.:

053-001-00-3

Iodine 0.02365 mol/l (0.0473N) (ASTM D 1510) volumetric solution

CODE	182915
CAS	7553-56-2
MOLECULAR FORMULA	I ₂
MOLAR MASS	253.81 g/mol

Packs sizes (1)



CODE	PACKAGING SIZE
CODE 182915.1612	PACKAGING SIZE 2.5 l

Technical data

DENSITY: 1.040 kg/l

PHYSICAL DESCRIPTION: liquid

PRODUCT CODE: 182915

PRODUCT NAME: Iodine 0.02365 mol/l (0.0473N) (ASTM D 1510)
volumetric solution

QUALITY NAME: volumetric solution

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

WGK:

1

STORAGE:

Room Temperature.

H PHRASES:

H412

P PHRASES:

P273

P501

MASTER NAME:

Iodine 0,02365 mol/l *(0,0473N) ASTM D 1510

EINECS:

231-442-4

CS:

2801 20 00 00

INDEX NR.:

053-001-00-3

Iodine 0.01 mol/l (0.02N) volumetric solution

Iodine liquor

CODE	181969
CAS	7553-56-2
MOLECULAR FORMULA	I ₂
MOLAR MASS	253.81 g/mol

Packs sizes (2)



CODE	PACKAGING SIZE
CODE 181969.1610	PACKAGING SIZE 500 ml



CODE	PACKAGING SIZE
CODE 181969.1611	PACKAGING SIZE 1000 ml

① Technical data

DENSITY: 1.005 kg/l

PHYSICAL DESCRIPTION: liquid

PRODUCT CODE: 181969

PRODUCT NAME: Iodine 0.01 mol/l (0.02N) volumetric solution

QUALITY NAME: volumetric solution

HEADLINE COMMENT:	Indicator: Starch
SPECIFICATIONS:	Titer at 20°C: 0.999 - 1.001 Uncertainty: See certificate Traceability: NIST

WGK:	1
STORAGE:	Room Temperature.
H PHRASES:	H412
P PHRASES:	P273 P501

MASTER NAME:	Iodine 0,01 mol/l *(0,02N)
SYNONYMS LONG TEXT:	Iodine liquor
EINECS:	231-442-4
CS:	2801 20 00 00
INDEX NR.:	053-001-00-3

Iodine resublimed pearls (USP, BP, Ph. Eur.) pure, pharma grade

Assay (Iodom.): 99.8-100.5%

CODE	141771
CAS	7553-56-2
MOLECULAR FORMULA	I ₂
MOLAR MASS	253.81 g/mol

Packs sizes (5)

	CODE	PACKAGING SIZE	Product active until stock lasts.
	CODE 141771.1608	PACKAGING SIZE 100 g	
	CODE 141771.1609	PACKAGING SIZE 250 g	
	CODE 141771.1611	PACKAGING SIZE 1000 g	
	CODE 141771.1614	PACKAGING SIZE 5 kg	
	CODE 141771.0416	PACKAGING SIZE 25 kg	

Technical data

MELTING POINT:	113.6 °C
BOILING POINT:	185.24 °C
SOLUBILITY:	water 0.3 g/l at 20 °C
PHYSICAL DESCRIPTION:	solid

PRODUCT CODE:	141771
PRODUCT NAME:	Iodine resublimed pearls (USP, BP, Ph. Eur.) pure, pharma grade
QUALITY NAME:	pure, pharma grade
SPECIFICATIONS:	Assay (Iodom.): 99.8-100.5% Identity according to Pharmacopoeias:: passes test Maximum limit of impurities Non-volatile matter: 0.05 % Residual solvents (Ph.Eur/USP): passes test Chloride and bromide (as Cl): 0.025%

HAZARD PICTOGRAMS



UN:	3495
CLASS/PG:	8(6.1)/III
ADR:	8(6.1)/III
IMDG:	8(6.1)/III
IATA:	8(6.1)/III

WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS07 GHS08 GHS09

H PHRASES:	H302+H312+H332 H315 H319 H335 H372 H400
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P PHRASES:	P260 P280 P273 P305+P351+P338 P302+P352 P304+P340 P501
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MASTER NAME:	Iodine resublimed pearls
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EINECS:	231-442-4
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CS:	2801 20 00 00
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INDEX NR.:	053-001-00-3
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Iodine (Iodate-Iodide) N/64 volumetric solution

CODE

186880

Packs sizes (1)



CODE

PACKAGING SIZE

CODE

186880.1211

PACKAGING SIZE

1000 ml

Technical data

DENSITY: 1.005 kg/l

PHYSICAL DESCRIPTION: liquid

PRODUCT CODE: 186880

PRODUCT NAME: Iodine (Iodate-Iodide) N/64 volumetric solution

QUALITY NAME: volumetric solution

HEADLINE COMMENT: Indicator: Starch

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

HAZARD PICTOGRAMS



WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Warning
GHS SYMBOLS:	GHS08
H PHRASES:	H373
P PHRASES:	P260 P314 P351

MASTER NAME:	Iodine (Iodate-Iodide) N/64
CS:	3822 90 00 00

Iodine resublimed pearls (Reag. USP) for analysis, ACS

Minimum assay (Iodom.): 99.8%

CODE	131771
CAS	7553-56-2
MOLECULAR FORMULA	I ₂
MOLAR MASS	253.81 g/mol

Packs sizes (4)

	CODE	PACKAGING SIZE	
	CODE 131771.1608	PACKAGING SIZE 100 g	
	CODE 131771.1609	PACKAGING SIZE 250 g	Product discontinued. Alternative 131771.1608 (please check specifications).
	CODE 131771.1610	PACKAGING SIZE 500 g	Product discontinued. Alternative 131771.1611 (please check specifications).
	CODE 131771.1611	PACKAGING SIZE 1000 g	

MELTING POINT:	113.6 °C
BOILING POINT:	185.24 °C
SOLUBILITY:	water 0.3 g/l at 20 °C
PHYSICAL DESCRIPTION:	solid

PRODUCT CODE:	131771
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PRODUCT NAME:	Iodine resublimed pearls (Reag. USP) for analysis, ACS
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QUALITY NAME:	for analysis, ACS
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SPECIFICATIONS:	Minimum assay (Iodom.): 99.8% Identity: passes test
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Maximum limit of impurities

Insoluble matter in KI: passes test

Non-volatile matter: 0.01 %

Chlorine and Bromine (as Cl): 0.005%

Chloride and bromide (as Cl): 0.005%

Ca: 0.001 %

Cd: 0.0005 %

Co: 0.0005 %

Cr: 0.0005 %

Cu: 0.0005 %

Fe: 0.005 %

K: 0.005 %

Mg: 0.0005 %

Mn: 0.0005 %

Na: 0.005 %

Ni: 0.0005 %

Pb: 0.0005 %

Zn: 0.0005 %

HAZARD PICTOGRAMS



UN:	3495
CLASS/PG:	8(6.1)/III
ADR:	8(6.1)/III
IMDG:	8(6.1)/III
IATA:	8(6.1)/III
WGK:	1
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS07 GHS08 GHS09
H PHRASES:	H302+H312+H332 H315 H319 H335 H372 H400
P PHRASES:	P260 P280 P273 P305+P351+P338 P302+P352 P304+P340 P501

MASTER NAME:	Iodine resublimed pearls
EINECS:	231-442-4
CS:	2801 20 00 00
INDEX NR.:	053-001-00-3

Iodine (Iodate-Iodide) N/50 volumetric solution

CODE

185733

Packs sizes (1)



CODE	PACKAGING SIZE
185733.1611	1000 ml

Technical data

DENSITY:	1.007 kg/l
PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	185733
PRODUCT NAME:	Iodine (Iodate-Iodide) N/50 volumetric solution
QUALITY NAME:	volumetric solution
SPECIFICATIONS:	Titer at 20°C: 0.999 - 1.001 Uncertainty: See certificate Traceability: NIST
WGK:	1
STORAGE:	Room Temperature.
MASTER NAME:	Iodine (Iodate-Iodide) N/50
CS:	3822 90 00 00

Iodine (Iodate-Iodide) N/128 VINIKIT, for wine analysis

CODE

625448

Packs sizes (1)			
	CODE	PACKAGING SIZE	
	CODE	PACKAGING SIZE	
	625448.1211	1000 ml	Product discontinued. Alternative 186880.1211 (please check specifications).

❶ Technical data	
DENSITY:	1.00 kg/l
PHYSICAL DESCRIPTION:	liquid
PRODUCT CODE:	625448
PRODUCT NAME:	Iodine (Iodate-Iodide) N/128 VINIKIT, for wine analysis
QUALITY NAME:	VINIKIT, for wine analysis
HEADLINE COMMENT:	for determination of sulphurous gas in wines.Indicator: Starch.
SPECIFICATIONS:	Titer at 20°C: 1.00 ± 0.01
WGK:	1
STORAGE:	Room Temperature.

MASTER NAME:

Iodine (Iodate-Iodide) N/128

CS:

3822 90 00 00

Zinc metal, powder pure

Assay (Compl.): 96%

CODE

141783

CAS

7440-66-6

MOLECULAR FORMULA

Zn

MOLAR MASS

65.38 g/mol

Packs sizes (2)



CODE

CODE

141783.1610

PACKAGING
SIZE

PACKAGING
SIZE
500 g

Product active until stock lasts.



CODE

141783.0416

PACKAGING
SIZE
25 kg

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

Technical data

MELTING POINT:

419 °C

BOILING POINT:

906 °C

SOLUBILITY:

Insoluble in water

PHYSICAL DESCRIPTION:

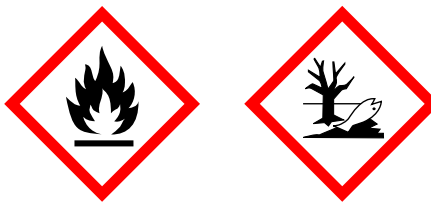
solid
Grey lustrous metal

PRODUCT CODE:

141783

PRODUCT NAME:	Zinc metal, powder pure
QUALITY NAME:	pure
SPECIFICATIONS:	Assay (Compl.): 96% Insoluble matter in HCl: 0.05 % Nitrogen compounds (as N): 0.01% As: 0.00001 % Cd: 0.05 % Fe: 0.005 % Pb: 0.01 %

HAZARD PICTOGRAMS



UN:	1436
CLASS/PG:	4.3(4.2)/III
ADR:	4.3(4.2)/III
IMDG:	4.3(4.2)/III
IATA:	4.3(4.2)/III
WGK:	nwg
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02 GHS09
H PHRASES:	H250 H260 H410
P PHRASES:	P210 P223 P231+P232 P240

P241
P273
P280
P335+P334
P370+P378
P391
P402+P404
P501

MASTER NAME:	Zinc *metal, powder
EINECS:	231-175-3
CS:	7903 90 00 00
INDEX NR.:	030-002-00-7

Sodium metal, 99.8%, oiled sticks, wrapped in aluminium foil pure

Minimum assay: 99.8 %

CODE	141699
CAS	7440-23-5
MOLECULAR FORMULA	Na
MOLAR MASS	22.99 g/mol

Packs sizes (1)

	CODE	PACKAGING SIZE	
	CODE 141699.0310	PACKAGING SIZE 500 g	Product discontinued. Please check CAS-No. for alternative or contact our Customer Service.

Technical data

MELTING POINT:	97.82 °C
BOILING POINT:	881.4 °C
PHYSICAL DESCRIPTION:	solid Silvery white metal , turns gray on exposure to air

PRODUCT CODE:	141699
PRODUCT NAME:	Sodium metal, 99.8%, oiled sticks, wrapped in aluminium foil pure
QUALITY NAME:	

pure

SPECIFICATIONS:

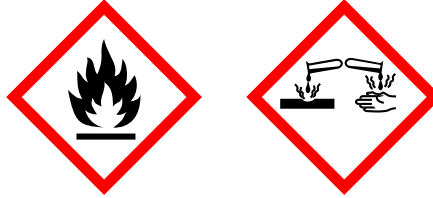
Minimum assay: 99.8 %

Chloride (Cl) + Bromide (Br): 0.002 %

Ca: 0.04 %

K: 0.03 %

HAZARD PICTOGRAMS



UN:

1428

CLASS/PG:

4.3/I

ADR:

4.3/I

IMDG:

4.3/I

IATA:

4.3/I

WGK:

2

STORAGE:

Room Temperature.

SIGNAL WORD:

Danger

GHS SYMBOLS:

GHS02

GHS05

H PHRASES:

EUH014

H260

H314

P PHRASES:

P223

P231+P232

P260

P264

P280

P501

P301+P330+P331

P303+P361+P353

P304+P340

P305+P351+P338

P310

P321

P335+P334

P338

P363

P370+P378

P402+P404

P405

MASTER NAME:	Sodium *metal, sticks
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EINECS:	231-132-9
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CS:	2805 11 00 00
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INDEX NR.:	011-001-00-0
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Mercury metal pure

CODE	141421
CAS	7439-97-6
MOLECULAR FORMULA	Hg
MOLAR MASS	200.59 g/mol

Packs sizes (1)



CODE	PACKAGING SIZE
CODE 141421.2211	PACKAGING SIZE 1000 g

Technical data

MELTING POINT:	-38.8 °C
BOILING POINT:	356.7 °C
DENSITY:	13.534 kg/l
PHYSICAL DESCRIPTION:	Silvery white , heavy , mobile , liquid metal

PRODUCT CODE:	141421
PRODUCT NAME:	Mercury metal pure
QUALITY NAME:	pure
SPECIFICATIONS:	Residue after reduction: 0.05 %

HAZARD PICTOGRAMS



UN:	2809
CLASS/PG:	8(6.1)/III
ADR:	8(6.1)/III
IMDG:	8(6.1)/III
IATA:	8(6.1)/III
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS08 GHS06 GHS09
H PHRASES:	H360D H330 H372 H410
P PHRASES:	P201 P202 P260 P264 P270 P501 P271 P273 P281 P284 P304+P340 P308+P313 P310 P314 P320 P391

P403+P233

P405

MASTER NAME:

Mercury *metal

EINECS:

231-106-7

CS:

2805 40 90 00

INDEX NR.:

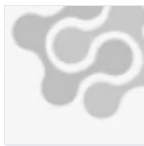
080-001-00-0

Magnesium metal, filings pure

Assay (Compl.): 99%

CODE	141945
CAS	7439-95-4
MOLECULAR FORMULA	Mg
MOLAR MASS	24.31 g/mol

Packs sizes (1)



CODE	PACKAGING SIZE
CODE 141945.0616	PACKAGING SIZE 25 kg

Technical data

MELTING POINT:	651 °C
BOILING POINT:	1,107 °C
SOLUBILITY:	Insoluble in water
PHYSICAL DESCRIPTION:	solid

PRODUCT CODE:	141945
PRODUCT NAME:	Magnesium metal, filings pure
QUALITY NAME:	pure
SPECIFICATIONS:	Assay (Compl.): 99%

Insoluble matter in HCl: passes test

Al: 0.05 %

Cu: 0.005 %

Fe: 0.05 %

Mn: 0.1 %

Ni: 0.005 %

Pb: 0.005 %

Si: 0.1 %

Zn: 0.005 %

HAZARD PICTOGRAMS



UN:	1869
CLASS/PG:	4.1/III
ADR:	4.1/III
IMDG:	4.1/III
IATA:	4.1/III
WGK:	nwg
STORAGE:	Room Temperature.
SIGNAL WORD:	Danger
GHS SYMBOLS:	GHS02
H PHRASES:	H250 H260
P PHRASES:	P210 P223 P231+P232 P240 P241 P280 P370+P378 P402+P404 P501

MASTER NAME: Magnesium *metal, filings

EINECS: 231-104-6

CS: 8104 90 00 90

INDEX NR.: 012-002-00-9

Iodine 0.5 mol/l (1N) (Reag. Ph. Eur.) volumetric solution

CODE

182162

CAS

7553-56-2

MOLECULAR FORMULA

I₂

MOLAR MASS

253.81 g/mol

Packs sizes (1)



CODE

PACKAGING SIZE

CODE

PACKAGING SIZE

182162.1611

1000 ml

① Technical data

DENSITY: 1.284 kg/l

PHYSICAL DESCRIPTION: liquid

PRODUCT CODE: 182162

PRODUCT NAME: Iodine 0.5 mol/l (1N) (Reag. Ph. Eur.) volumetric solution

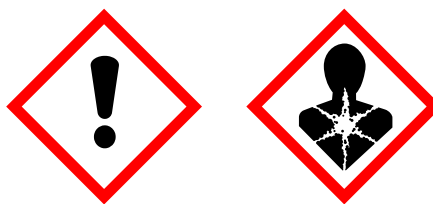
QUALITY NAME: volumetric solution

HEADLINE COMMENT: Standardised against Sodium Thiosulfate 0.1M
Indicator: Starch

SPECIFICATIONS: Titer at 20°C: 0.999 - 1.001

Uncertainty: See certificate
Traceability: NIST

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 GHS08
H PHRASES:	H332 H315 H319 H372
P PHRASES:	P273 P391 P501

MASTER NAME:	Iodine 0,5 mol/l *(1N)
EINECS:	231-442-4
CS:	2801 20 00 00
INDEX NR.:	053-001-00-3

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