

Объемные стандартные растворы (готовые)

Технические характеристики

По вопросам продаж и поддержки обращайтесь:

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ACETIC ACID 1N SOLUTION

Product Code.	00021	Grade	
Purity		CAS No.	64-19-7
Molecular Formula	CH3COOH	Molecular Weight	65.05
H.S.Code	38220090.00000	Shelf Life	48 Months

Physical Properties

Physical State at 20 C	Liquid	Density [g/cm3]	1	Color	Colorless Liquid
Odour	Characteristic Odour	Solubility in water[% weight]	Soluble in water		

Packaging



Specification

Color	Clear Colorless Liquid
Normality	0.1 N +/- 0.5%

Safety Information and Hazard Symbols

ACETIC ACID 2.5 M SOLUTION

Product Code.	00022	Grade	
Purity		CAS No.	
Molecular Formula	CH3COOH	Molecular Weight	60.00
H.S.Code	0.00000	Shelf Life	12 months from opening

Physical Properties

Physical State at 20 C	Liquid	Density [g/cm3]	1	Color	Colorless Liquid
Odour	Characteristic Odour	Solubility in water[% weight]	Soluble in water		

Packaging



Specification

Appearance	Clear Colorless Liquid
Normality	2N +/- 0.1%

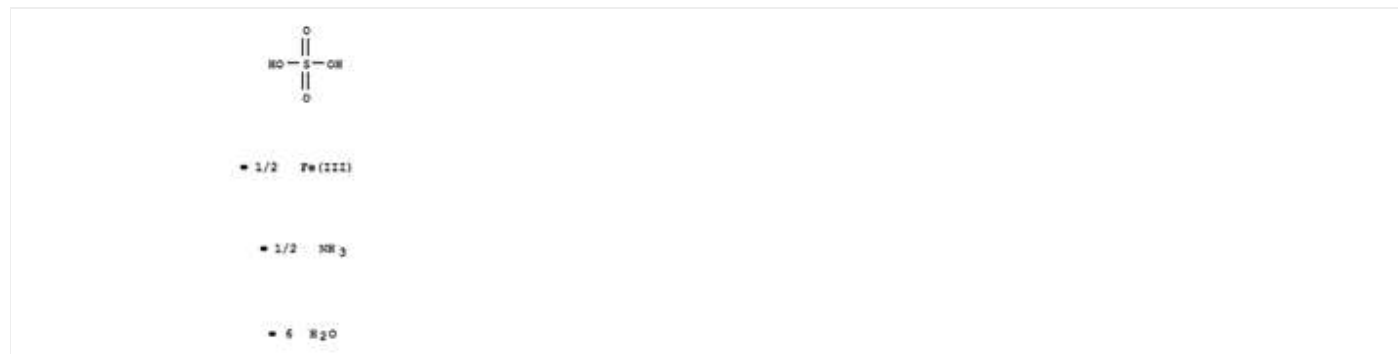
Safety Information and Hazard Symbols



AMMONIUM IRON (II) SULPHATE 0.1 M (0.1N) STANDARDIZED SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	00216	Grade	
Purity		CAS No.	7783-83-7
Molecular Formula	NH ₄ Fe(SO ₄) ₂ ·12H ₂ O	Molecular Weight	482.19
H.S.Code	3822.00900	Shelf Life	36 Months



Physical Properties

Physical state at 20 °C	Liquid	pH value	0.6	Density [g/cm ³]	1.05
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Packaging



Specification

Appearance	Green liquid
Normality	0.1N +/-0.1%

Safety Information and Hazard Symbols


Symbol: GHS07 Signal Word: Warning UN No.: 3264 IMCO Class No.: 8 Packing Group: III Hazardous Statement: H290

AMMONIUM MOLYBDATE REAGENT SOLUTION

Product Code.	00221	Grade	
Purity		CAS No.	12054-85-2
Molecular Formula		Molecular Weight	0.00
H.S.Code	38220090.00000	Shelf Life	

Physical Properties

Packaging



Specification

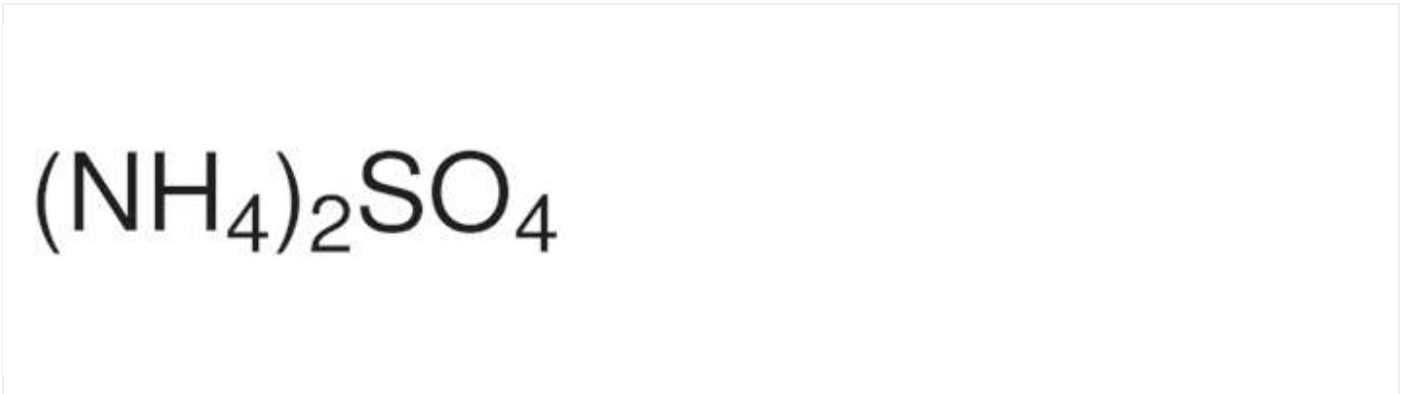
Safety Information and Hazard Symbols

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AMMONIUM SULPHATE 0.5M (1N) STANDARDIZED SOLUTION,LIQUID, D. 1.04

Expiry date: 12 months from the date of opening

Product Code.	00245	Grade	
Purity		CAS No.	7783-20-2
Molecular Formula	(NH4)2SO4	Molecular Weight	132.14
H.S.Code	3822.00900	Shelf Life	36 Months



Physical Properties

Physical state at 20 °C	Liquid
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Packaging



Specification

Appearance	Clear colorless liquid
Normality	1N +/-0.1%

Safety Information and Hazard Symbols

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AMMONIUM THIOCYANATE 0.1MOL (0.1N) LIQUID, D.1.00

Expiry date: 12 months from the date of opening

Product Code.	00252	Grade	
Purity		CAS No.	1762-95-4
Molecular Formula	NH4SCN	Molecular Weight	76.12
H.S.Code	3822.00900	Shelf Life	36 Months



Physical Properties

Physical state at 20 °C	Liquid
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Packaging



Specification

Appearance	Clear colorless liquid
Normality	0.1N +/-0.1%

Safety Information and Hazard Symbols

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AMMONIUM THIOCYANATE 1M (1N)STANDARDIZED SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	00253	Grade	
Purity		CAS No.	1762-95-4
Molecular Formula	NH4SCN	Molecular Weight	76.12
H.S.Code	3822.00900	Shelf Life	36 Months



Physical Properties

Physical state at 20 °C	Liquid
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Packaging



Specification

Appearance	Clear colorless liquid
Normality	1N +/- 0.1%

Safety Information and Hazard Symbols

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BARIUM CHLORIDE 10% W/V SOLUTION

Product Code.	00339	Grade	
Purity		CAS No.	
Molecular Formula		Molecular Weight	0.00
H.S.Code	38220090.00000	Shelf Life	

Physical Properties

Packaging



Specification

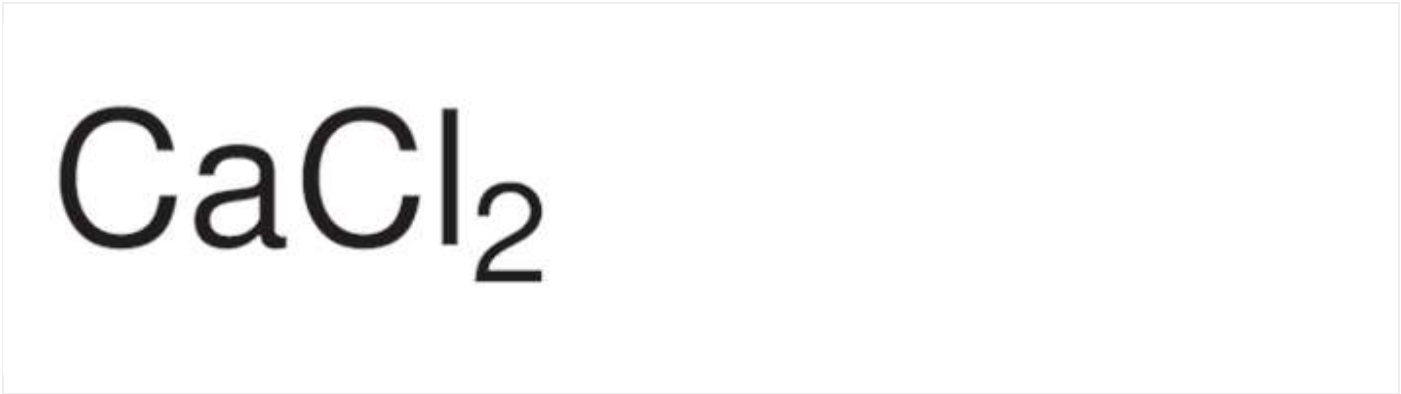
Safety Information and Hazard Symbols

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CALCIUM CHLORIDE 0.01M (0.02N) STANDARDIZED SOLUTION RESTRICTED FOR EXPORT

Expiry date: 12 months from the date of opening

Product Code.	00641	Grade	
Purity		CAS No.	10043-52-4
Molecular Formula	CaCl2	Molecular Weight	110.98
H.S.Code	3822.00900	Shelf Life	36 Months



Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear colorless	pH value	6 - 8 at 25 °C
Boiling point [°C]	100°C	Density [g/cm3]	1	Solubility in water [% weight]	Completely miscible

Packaging



Specification

Appearance	Clear colorless solution
Normality	0.02N +/- 0.1%

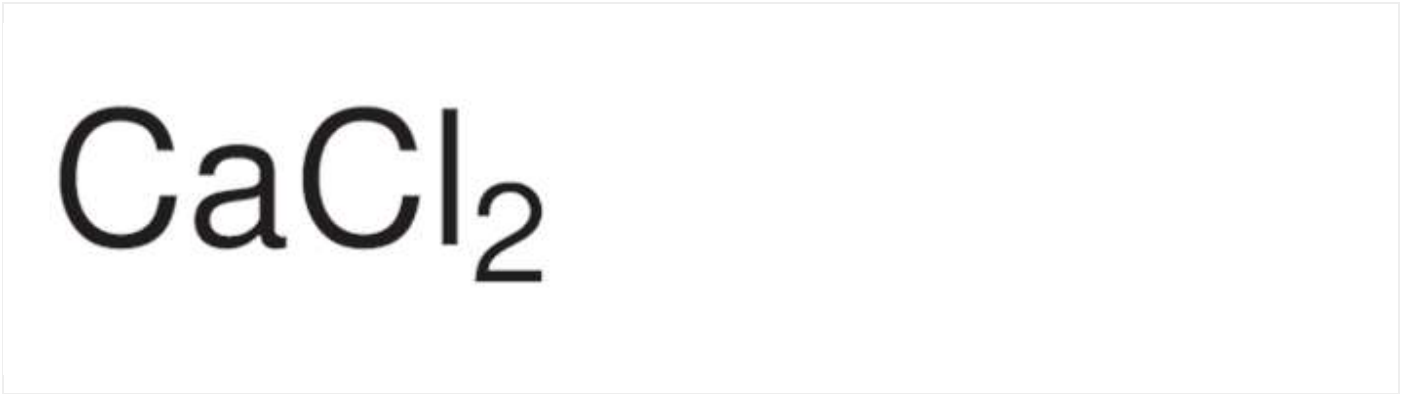
Safety Information and Hazard Symbols

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CALCIUM CHLORIDE 0.02M (0.04N) STANDARDIZED SOLUTION RESTRICTED FOR EXPORT

Expiry date: 12 months from the date of opening

Product Code.	00642	Grade	
Purity		CAS No.	10043-52-4
Molecular Formula	CaCl2	Molecular Weight	110.98
H.S.Code	3822.00900	Shelf Life	36 Months



Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear colorless	pH value	6 - 8 at 25 °C
Boiling point [°C]	100°C	Density [g/cm3]	1	Solubility in water [% weight]	Completely miscible

Packaging



Specification

Appearance	Clear colorless solution
Normality	0.04N +/- 0.1%

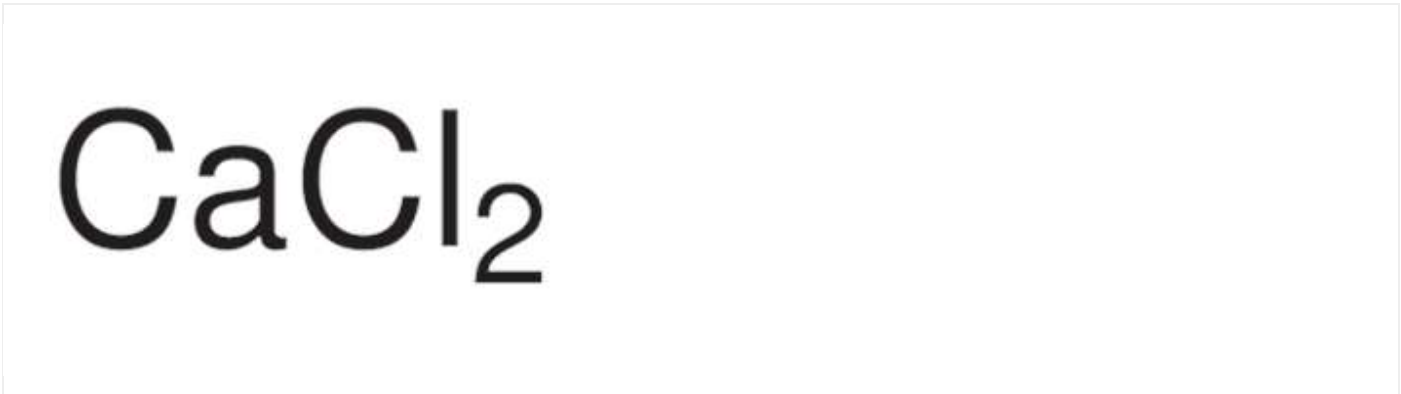
Safety Information and Hazard Symbols

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CALCIUM CHLORIDE 0.005M (0.01N) STANDARDIZED SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	00640	Grade	
Purity		CAS No.	10043-52-4
Molecular Formula	CaCl2	Molecular Weight	110.98
H.S.Code	3822.00900	Shelf Life	36 Months



Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear colorless	pH value	6 - 8 at 25 °C
Boiling point [°C]	100°C	Density [g/cm3]	1	Solubility in water [% weight]	Completely miscible

Packaging



Specification

Appearance	Clear colorless solution
Normality	0.01N +/- 0.1%

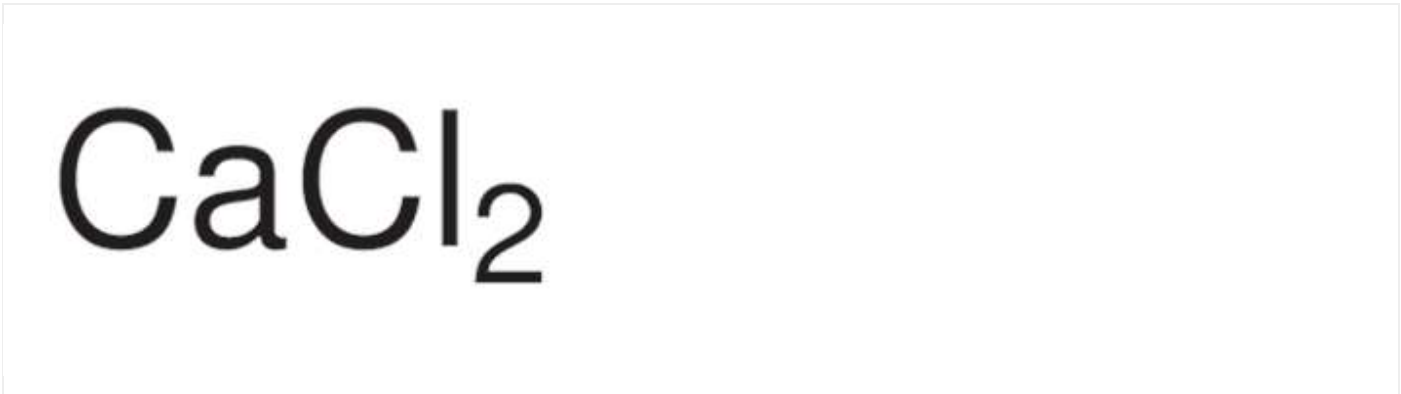
Safety Information and Hazard Symbols

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CALCIUM CHLORIDE 0.05M (1N) STANDARDIZED SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	00643	Grade	
Purity		CAS No.	10043-52-4
Molecular Formula	CaCl2	Molecular Weight	110.98
H.S.Code	3822.00900	Shelf Life	36 Months



Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear colorless	pH value	6 - 8 at 25 °C
Boiling point [°C]	100°C	Density [g/cm3]	1	Solubility in water [% weight]	Completely miscible

Packaging



Specification

Appearance	Clear colourless solution
Normality	1N +/- 0.1%

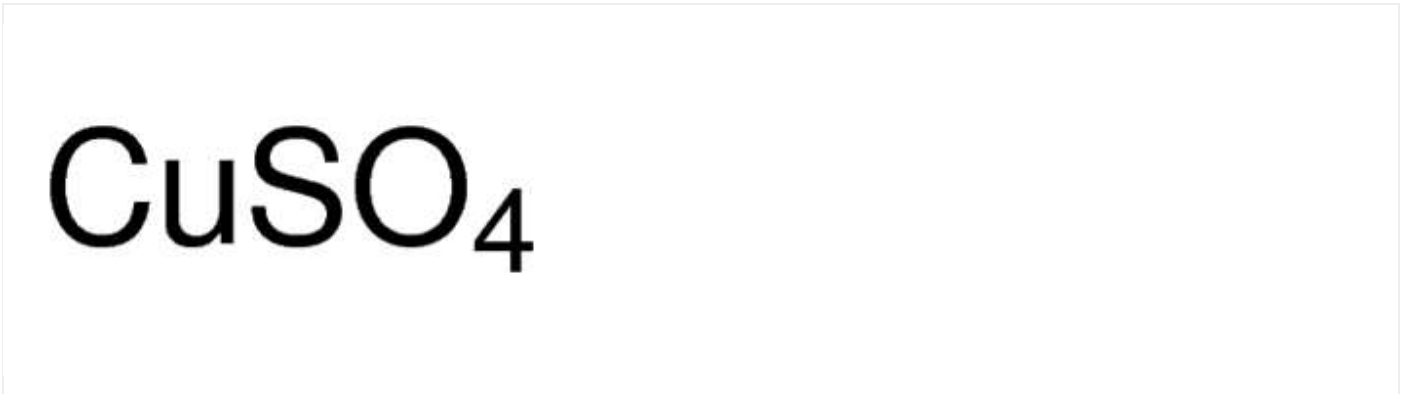
Safety Information and Hazard Symbols

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COPPER SULPHATE 1% W/V SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	00874	Grade	
Purity		CAS No.	7758-98-7
Molecular Formula	CuSO4	Molecular Weight	159.61
H.S.Code	3822.00900	Shelf Life	36 Months



Physical Properties

Physical state at 20 °C	Liquid	Colour	Blue	pH value	3.7 - 4.5
Vapour pressure mm/Hg	9.7 mm Hg at 25 °C				

Specification

Appearance	Clear light blue color solution
Normality	0.1N +/- 0.1%

Safety Information and Hazard Symbols


Symbol: GHS09 Signal Word: Warning UN No.: 3082 IMCO Class No.: 9 Packing Group: III Hazardous Statement: H410 Precaution Statement: P273-P501

EDTA DISODIUM SALT 0.01M (0.02N) STANDARDIZED SOLUTION LIQUID. D.
1.003

Expiry date: 12 months from the date of opening

Product Code.	01106	Grade	
Purity		CAS No.	139-33-3
Molecular Formula	C10H14N2Na2O8	Molecular Weight	336.21
H.S.Code	3822.00900	Shelf Life	36 Months

Physical Properties

Physical state at 20 °C	Liquid	Boiling point [°C]	100°C	Density [g/cm3]	1.003
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Packaging

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Specification

Appearance	A clear colorless solution
Normality	0.02N +/- 0.1%

Safety Information and Hazard Symbols

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EDTA DISODIUM SALT 0.1M (0.2N) STANDARDIZED SOLUTION, LIQUID, D. 1.02

Expiry date: 12 months from the date of opening

Product Code.	01107	Grade	
Purity		CAS No.	139-33-3
Molecular Formula	C10H14N2Na2O8	Molecular Weight	336.21
H.S.Code	3822.00900	Shelf Life	36 Months

Physical Properties

Physical state at 20 °C	Liquid	Boiling point [°C]	100°C
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Packaging

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Specification

Appearance	A clear colorless solution
Molarity	0.0995-0.1005 M

Safety Information and Hazard Symbols

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EDTA DISODIUM SALT 0.5M (1N) STANDARDIZED SOLUTION, LIQUID, D . 1.003

Expiry date: 12 months from the date of opening

Product Code.	01108	Grade	
Purity		CAS No.	139-33-3
Molecular Formula	C10H14N2Na2O8	Molecular Weight	336.21
H.S.Code	3822.00900	Shelf Life	36 Months

Physical Properties

Physical state at 20 °C	Liquid	Boiling point [°C]	100°C	Density [g/cm3]	1.01
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Packaging

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Specification

Appearance	A clear colorless solution
Normality	1N +/- 0.1%

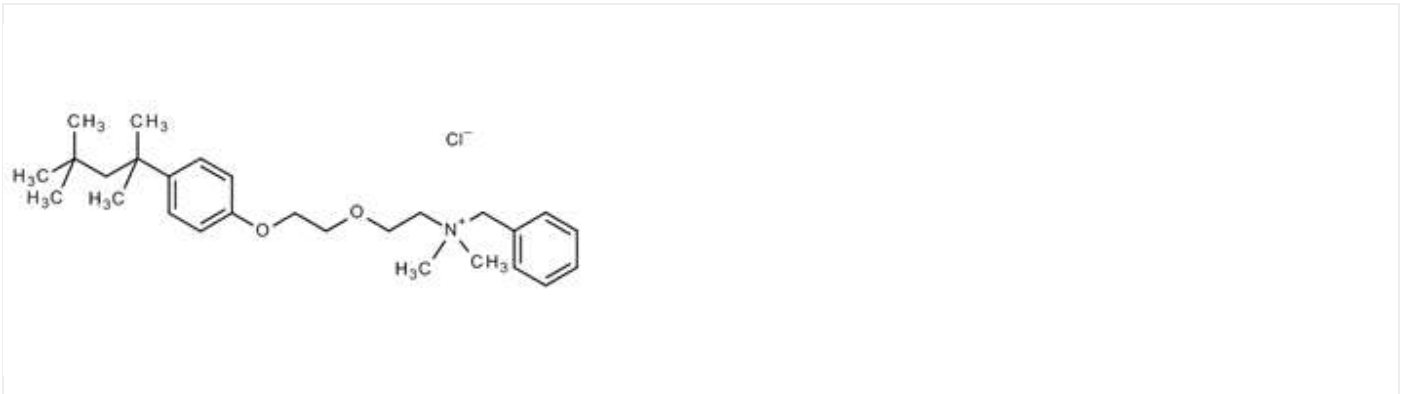
Safety Information and Hazard Symbols

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HYAMINE 1622 SOLUTION 0.004M (0.004N) STANDARDIZED SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	01366	Grade	
Purity		CAS No.	121-54-0
Molecular Formula	C27H42ClNO2	Molecular Weight	448.08
H.S.Code	3822.00900	Shelf Life	36 Months



Physical Properties

Physical state at 20 °C	Liquid	Density [g/cm3]	0.998
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Packaging

Specification

Appearance	A clear colourless solution
Normality	0.004N +/- 0.1%

Safety Information and Hazard Symbols

HYDROCHLORIC ACID 0.2M (0.2N) STANDARIZED SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	01386	Grade	
Purity		CAS No.	7647-01-0
Molecular Formula	HCl	Molecular Weight	36.46
H.S.Code	3822.00900	Shelf Life	36 Months

HCl

Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear Colorless
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Packaging

Specification

Appearance	A clear colourless liquid
Normality	0.2N +/- 0.1%

Safety Information and Hazard Symbols


Symbol: GHS05 Signal Word: Danger UN No.: 1789 IMCO Class No.: 8 Packing Group: III Hazardous Statement: H290

HYDROCHLORIC ACID 0.05N (0.05 MOL/L) SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	01384	Grade	
Purity		CAS No.	7647-01-0
Molecular Formula	HCl	Molecular Weight	36.46
H.S.Code	3822.00900	Shelf Life	36 Months

HCl

Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear Colorless
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Packaging

Specification

Appearance	A clear colourless liquid
Normality	0.05N +/- 0.1%

Safety Information and Hazard Symbols


Symbol: GHS05 Signal Word: Warning UN No.: 1789 IMCO Class No.: 8 Packing Group: III Hazardous Statement: H290

HYDROCHLORIC ACID 0.25M (0.25N) STANDARIZED SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	01385	Grade	
Purity		CAS No.	7647-01-0
Molecular Formula	HCl	Molecular Weight	36.46
H.S.Code	3822.00900	Shelf Life	36 Months

HCl

Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear Colorless
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Packaging

Specification

Appearance	A clear colourless liquid
Normality	0.25N +/- 0.1%

Safety Information and Hazard Symbols


Symbol: GHS05 Signal Word: Warning UN No.: 1789 IMCO Class No.: 8 Packing Group: III Hazardous Statement: H290

HYDROCHLORIC ACID 2N (2 MOL/L) SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	01387	Grade	
Purity		CAS No.	7647-01-0
Molecular Formula	HCl	Molecular Weight	36.46
H.S.Code	3822.00900	Shelf Life	36 Months

HCl

Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear Colorless
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Packaging

Specification

Appearance	A clear colourless liquid
Normality	2N +/- 0.1%

Safety Information and Hazard Symbols


Symbol: GHS05 Signal Word: Danger UN No.: 1789 IMCO Class No.: 8 Packing Group: III Hazardous Statement: H315-H319-H335 Precaution Statement: P261-P305 + P351 + P338

HYDROCHLORIC ACID 5N (5 MOL/L) SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	01388	Grade	
Purity		CAS No.	7647-01-0
Molecular Formula	HCl	Molecular Weight	36.46
H.S.Code	3822.00900	Shelf Life	36 Months

HCl

Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear Colorless
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Packaging

Specification

Appearance	A clear colorless liquid
Normality	5N +/- 0.5%

Safety Information and Hazard Symbols



Symbol: GHS05, GHS07
Signal Word: Warning
UN No.: 1789
IMCO Class No.: 8
Packing Group: II
Hazardous Statement: H290-H315-H319-H335
Precaution Statement: P261-P305 + P351 + P338

HYDROCHLORIC ACID 6M (6N) STANDARDIZED SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	01389	Grade	
Purity		CAS No.	7647-01-0
Molecular Formula	HCl	Molecular Weight	36.46
H.S.Code	3822.00900	Shelf Life	36 Months

HCl

Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear Colorless
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Specification

Appearance	A clear colourless liquid
Normality	6N +/- 0.1%

Safety Information and Hazard Symbols



Symbol: GHS05;GHS07
Signal Word: Danger
UN No.: 1789
IMCO Class No.: 8
Packing Group: II
Hazardous Statement: H290-H315-H319-H335
Precaution Statement: P305+P351+ P338
Risk Statement: 36/37/38
Safety Statement: 26

IODINE 0.02365M (0.0473N)
Standardized Solution; Expiry date: 12 months from the date of opening

Product Code.	01453	Grade	
Purity		CAS No.	7553-56-2
Molecular Formula	I2	Molecular Weight	253.81
H.S.Code	3822.00900	Shelf Life	36 Months

Physical Properties

Physical state at 20 °C	Liquid	Boiling point [°C]	100°C
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Packaging

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Specification

Appearance	Reddish brown colored solution
Normality	0.0473N +/- 0.5%

Safety Information and Hazard Symbols

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IODINE 1N (0.5M) SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	01454	Grade	
Purity		CAS No.	7553-56-2
Molecular Formula	I2	Molecular Weight	253.81
H.S.Code	3822.00900	Shelf Life	36 Months

Physical Properties

Physical state at 20 °C	Liquid	Boiling point [°C]	100°C
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Packaging

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Specification

Appearance	Reddish brown colored solution
Normality	1N +/- 0.5%

Safety Information and Hazard Symbols

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IODINE N/10 SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	01452	Grade	
Purity		CAS No.	7553-56-2
Molecular Formula	I2	Molecular Weight	253.81
H.S.Code	3822.00900	Shelf Life	36 Months

Physical Properties

Physical state at 20 °C	Liquid	Boiling point [°C]	100°C
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Packaging

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Specification

Appearance	Reddish brown colored solution
Normality	0.1N +/- 0.5%

Safety Information and Hazard Symbols

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IRON (II) SULPHATE 0.1M (0.1N) STANDARDIZED SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	01472	Grade	
Purity		CAS No.	10028-21-4
Molecular Formula	FeSO4	Molecular Weight	151.91
H.S.Code	3822.00900	Shelf Life	36 Months

Physical Properties

Physical state at 20 °C	Liquid
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Packaging

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Specification

Appearance	Clear pale yellow solution
Normality	0.1N +/- 0.1%

Safety Information and Hazard Symbols


Symbol: GHS07 Signal Word: Warning UN No.: NA IMCO Class No.: NA Hazardous Statement: H315-H319 Precaution Statement: P305 + P351 + P338

LEAD (II) NITRATE 0.01M (0.02N) STANDARDIZED SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	01531	Grade	
Purity		CAS No.	10099-74-8
Molecular Formula	Pb(NO3)2	Molecular Weight	331.21
H.S.Code	3822.00900	Shelf Life	36 Months

Physical Properties

Physical state at 20 °C	Liquid
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Packaging

Specification

Appearance	Clear colorless
Normality	0.02N +/- 0.1%

Safety Information and Hazard Symbols


Symbol: GHS06, GHS03, GHS09 Signal Word: Danger UN No.: 3122 IMCO Class No.: 5.1, 6.1 Packing Group: II Hazardous Statement: H272-H302-H332-H360-H373-H410 Precaution Statement: P201-P220-P273-P308 + P313-P501

LEAD (II) NITRATE 0.5M (1N) STANDARDIZED SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	01532	Grade	
Purity		CAS No.	10099-74-8
Molecular Formula	Pb(NO3)2	Molecular Weight	331.21
H.S.Code	3822.00900	Shelf Life	36 Months

Physical Properties

Physical state at 20 °C	Liquid
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Packaging

Specification

Appearance	Clear colorless
Normality	1N +/- 0.1%

Safety Information and Hazard Symbols


Symbol: GHS06, GHS03, GHS09 Signal Word: Danger UN No.: 3122 IMCO Class No.: 5.1, 6.1 Packing Group: II Hazardous Statement: H272-H302-H332-H360-H373-H410 Precaution Statement: P201-P220-P273-P308 + P313-P501

MAGNESIUM CHLORIDE 0.01M(0.02N) STANDARD SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	01592	Grade	
Purity		CAS No.	7786-30-3
Molecular Formula	MgCl2	Molecular Weight	95.21
H.S.Code	3822.00900	Shelf Life	36 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear Colorless
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Packaging

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Specification

Appearance	Clear colorless solution
Normality	0.02N +/- 0.1%

Safety Information and Hazard Symbols

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MERCURIC NITRATE 0.01M (0.02N) STANDARDIZED SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	01668	Grade	
Purity		CAS No.	7783-34-8
Molecular Formula	Hg(NO3)2	Molecular Weight	324.60
H.S.Code	3822.00900	Shelf Life	36 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear Colorless	Density [g/cm3]	1.005
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Packaging

Specification

Appearance	Clear colorless solution
Normality	0.02N +/- 0.1%

Safety Information and Hazard Symbols


Symbol: GHS06 Signal Word: Danger UN No.: 3289 IMCO Class No.: 6.1, 8 Packing Group: II Hazardous Statement: H302-H311-H373-H411 Precaution Statement: P273-P280-P312

MERCURIC NITRATE 0.05M (0.1N) STANDARDIZED SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	01669	Grade	
Purity		CAS No.	7783-34-8
Molecular Formula	Hg(NO3)2	Molecular Weight	324.60
H.S.Code	3822.00900	Shelf Life	36 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear Colorless	Density [g/cm3]	1.005
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Packaging

Specification

Appearance	Clear colorless solution
Normality	0.1N +/- 0.1%

Safety Information and Hazard Symbols


Symbol: GHS06 Signal Word: Danger UN No.: 3289 IMCO Class No.: 6.1, 8 Packing Group: II Hazardous Statement: H302-H311-H373-H411 Precaution Statement: P273-P280-P312

MERCUROUS NITRATE 0.1M (0.1N) STANDARDIZED SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	01683	Grade	
Purity		CAS No.	14836-60-3
Molecular Formula	Hg2(NO3)2	Molecular Weight	324.60
H.S.Code	3822.00900	Shelf Life	36 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear Colorless	Density [g/cm3]	1.005
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Packaging

Specification

Appearance	Colorless solution
Normality	0.1N +/- 0.1%

Safety Information and Hazard Symbols



Symbol: GHS05
Signal Word: Danger
UN No.: 2922
IMCO Class No.: 8, 6.1
Packing Group: II
Hazardous Statement: H300-H310-H330-H373-H410
Precaution Statement: P260-P264-P273-P280-P284-P301 + P310

NITRIC ACID 0.01M (0.01N) STANDARDIZED SOLUTION, LIQUID D. 1.38

Expiry date: 12 months from the date of opening

Product Code.	01838	Grade	
Purity		CAS No.	7697-37-2
Molecular Formula	HNO3	Molecular Weight	63.01
H.S.Code	3822.00900	Shelf Life	36 Months

Physical Properties

Physical state at 20 °C	Liquid
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Packaging

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Specification

Appearance	A clear colorless liquid
Normality	0.01N +/- 0.1%

Safety Information and Hazard Symbols


Symbol: GHS05 Signal Word: Danger UN No.: 2031 IMCO Class No.: 8 Packing Group: II Risk Statement: 34 Safety Statement: 26-36/37/39-45

NITRIC ACID 1M (1N) STANDARDIZED SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	01839	Grade	
Purity		CAS No.	7697-37-2
Molecular Formula	HNO3	Molecular Weight	63.01
H.S.Code	3822.00900	Shelf Life	36 Months

Physical Properties

Physical state at 20 °C	Liquid
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Packaging

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Specification

Appearance	A clear colorless liquid
Normality	1.0N +/- 0.1%

Safety Information and Hazard Symbols


Symbol: GHS05 Signal Word: Danger UN No.: 2031 IMCO Class No.: 8 Packing Group: II Risk Statement: 34 Safety Statement: 26-36/37/39-45

NITRIC ACID 2M (2N) STANDARDIZED SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	01840	Grade	
Purity		CAS No.	7697-37-2
Molecular Formula	HNO3	Molecular Weight	63.01
H.S.Code	3822.00900	Shelf Life	36 Months

Physical Properties

Physical state at 20 °C	Liquid
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Packaging

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Specification

Appearance	A clear colorless liquid
Normality	2N +/-0.1%

Safety Information and Hazard Symbols


Symbol: GHS05 Signal Word: Danger UN No.: 2031 IMCO Class No.: 8 Packing Group: II Hazardous Statement: H314 Precaution Statement: P280-P305 + P351 + P338-P310

NITRIC ACID 4M (4N) STANDARDIZED SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	01841	Grade	
Purity		CAS No.	7697-37-2
Molecular Formula	HNO3	Molecular Weight	63.01
H.S.Code	3822.00900	Shelf Life	36 Months

Physical Properties

Physical state at 20 °C	Liquid
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Packaging

Specification

Appearance	A clear colorless liquid
Normality	4N +/-0.1%

Safety Information and Hazard Symbols


Symbol: GHS05 Signal Word: Danger UN No.: 2031 IMCO Class No.: 8 Packing Group: II Hazardous Statement: H314 Precaution Statement: P280-P305 + P351 + P338-P310

NITRIC ACID 8M (8N) STANDARDIZED SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	01842	Grade	
Purity		CAS No.	7697-37-2
Molecular Formula	HNO3	Molecular Weight	63.01
H.S.Code	3822.00900	Shelf Life	36 Months

Physical Properties

Physical state at 20 °C	Liquid
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Packaging

Specification

Appearance	A clear colorless liquid
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Safety Information and Hazard Symbols


Symbol: GHS05 Signal Word: Danger UN No.: 2031 IMCO Class No.: 8 Packing Group: II Hazardous Statement: H314 Precaution Statement: P280-P305 + P351 + P338-P310

OXALIC ACID 0.01 MOL/L (0.02N) SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	01904	Grade	
Purity		CAS No.	144-62-7
Molecular Formula	HO2CCO2H	Molecular Weight	90.03
H.S.Code	3822.00900	Shelf Life	36 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear colorless	pH value	6 - 8 at 25 °C
Boiling point [°C]	100°C	Density [g/cm3]	1	Solubility in water [% weight]	Completely miscible

Packaging

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Specification

Appearance	Clear colourless Solution
Normality	0.05N +/- 0.1%

Safety Information and Hazard Symbols

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PERCHLORIC ACID 0.1M (0.1N) STANDARDIZED SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	01958	Grade	
Purity		CAS No.	7601-90-3
Molecular Formula	HClO4	Molecular Weight	100.46
H.S.Code	3822.00900	Shelf Life	36 Months

Physical Properties

Physical state at 20 °C	Liquid	Density [g/cm3]	1.054
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Packaging

Specification

Appearance	A clear colourless liquid
Normality	0.1N +/- 0.1%

Safety Information and Hazard Symbols



Symbol: GHS02, GHS05

Signal Word: Danger

UN No.: 2789

IMCO Class No.: 8,3

Packing Group: II

Hazardous Statement: H226 - H290 - H314

Precaution Statement: P210 - P280 - P301 + P330 + P331- P305 + P351 + P338 - P308 + P310

PERCHLORIC ACID 1N IN GLACIAL ACETIC ACID

Expiry date: 12 months from the date of opening

Product Code.	01959	Grade	
Purity		CAS No.	7601-90-3
Molecular Formula	HClO4	Molecular Weight	100.46
H.S.Code	3822.00900	Shelf Life	36 Months

Physical Properties

Physical state at 20 °C	Liquid	Density [g/cm3]	1.054
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Packaging

Specification

Appearance	A clear colourless liquid
Normality	1N +/- 0.1%

Safety Information and Hazard Symbols


Symbol: GHS02, GHS05 Signal Word: Danger UN No.: 2789 IMCO Class No.: 8,3 Packing Group: II Hazardous Statement: H226 - H290 - H314 Precaution Statement: P210 - P280 - P301 + P330 + P331- P305 + P351 + P338 - P308 + P310

POTASSIUM BROMATE 1/60 MOL/L (0.1N) SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	02073	Grade	
Purity		CAS No.	1/2/7758
Molecular Formula	KBrO3	Molecular Weight	167.00
H.S.Code	3822.00900	Shelf Life	36 Months

Physical Properties

Physical state at 20 °C	Liquid
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Packaging

Specification

Appearance	colorless liquid
Normality	0.1N +/- 0.1%

Safety Information and Hazard Symbols


Symbol: GHS07 Signal Word: Warning UN No.: NA IMCO Class No.: NA Hazardous Statement: H315-H319 Precaution Statement: P305 + P351 + P338

POTASSIUM BROMIDE 0.5MOL (0.5N) VOLUMETRIC SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	02077	Grade	
Purity		CAS No.	2/3/7758
Molecular Formula	KBr	Molecular Weight	119.00
H.S.Code	3822.00900	Shelf Life	36 Months



Physical Properties

Physical state at 20 °C	Liquid
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Packaging

Specification

Appearance	Colorless liquid
Normality	0.5N +/- 0.1%

Safety Information and Hazard Symbols



Symbol: GHS07
Signal Word: Warning
UN No.: NA
IMCO Class No.: NA
Hazardous Statement: H315-H319
Precaution Statement: P305 + P351 + P338

POTASSIUM BROMIDE 1 MOL (1N) VOLUMETRIC SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	02078	Grade	
Purity		CAS No.	2/3/7758
Molecular Formula	KBr	Molecular Weight	119.00
H.S.Code	3822.00900	Shelf Life	36 Months



Physical Properties

Physical state at 20 °C	Liquid
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Packaging

Specification

Appearance	Colorless liquid
Normality	1N +/- 0.1%

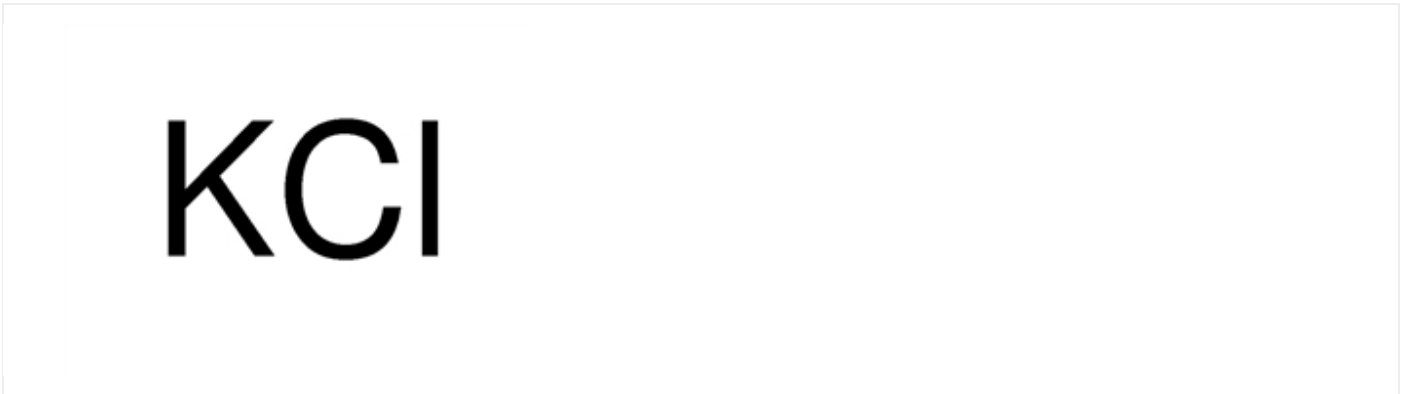
Safety Information and Hazard Symbols


Symbol: GHS07 Signal Word: Warning UN No.: NA IMCO Class No.: NA Hazardous Statement: H315-H319 Precaution Statement: P305 + P351 + P338

POTASSIUM CHLORIDE 0.5M (0.5N) STANDADIZED SOLUTION, LIQUID D. 1.040

Expiry date: 12 months from the date of opening

Product Code.	02087	Grade	
Purity		CAS No.	7447-40-7
Molecular Formula	KCl	Molecular Weight	74.55
H.S.Code	3822.00900	Shelf Life	36 Months



Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear colorless	Density [g/cm3]	1.04
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Packaging

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Specification

Appearance	Colorless solution
Normality	0.5N +/-0.1%

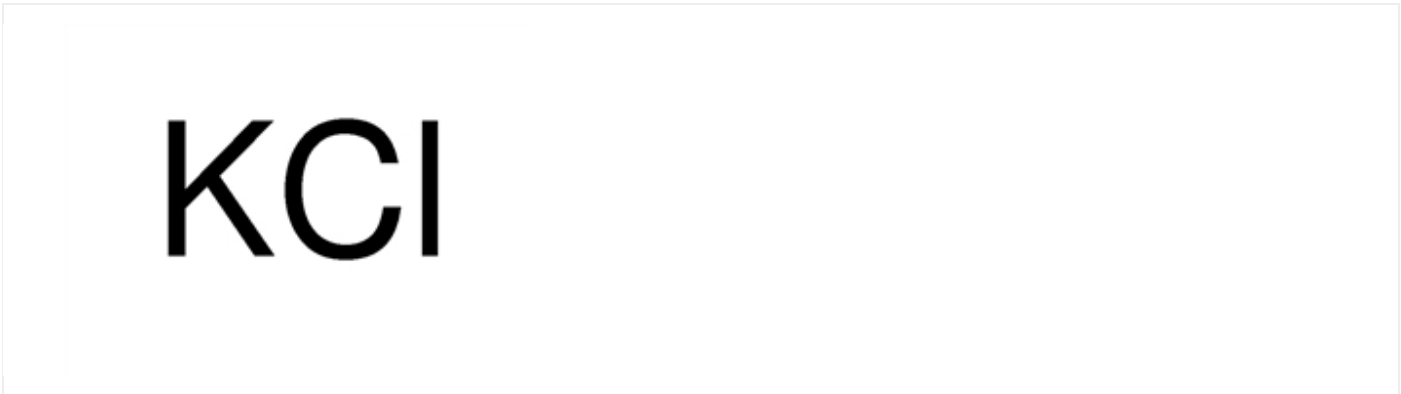
Safety Information and Hazard Symbols

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POTASSIUM CHLORIDE 1 M SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	02088	Grade	
Purity		CAS No.	7447-40-7
Molecular Formula	KCl	Molecular Weight	74.55
H.S.Code	3822.00900	Shelf Life	36 Months



Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear colorless	Density [g/cm3]	1.04
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Packaging

Specification

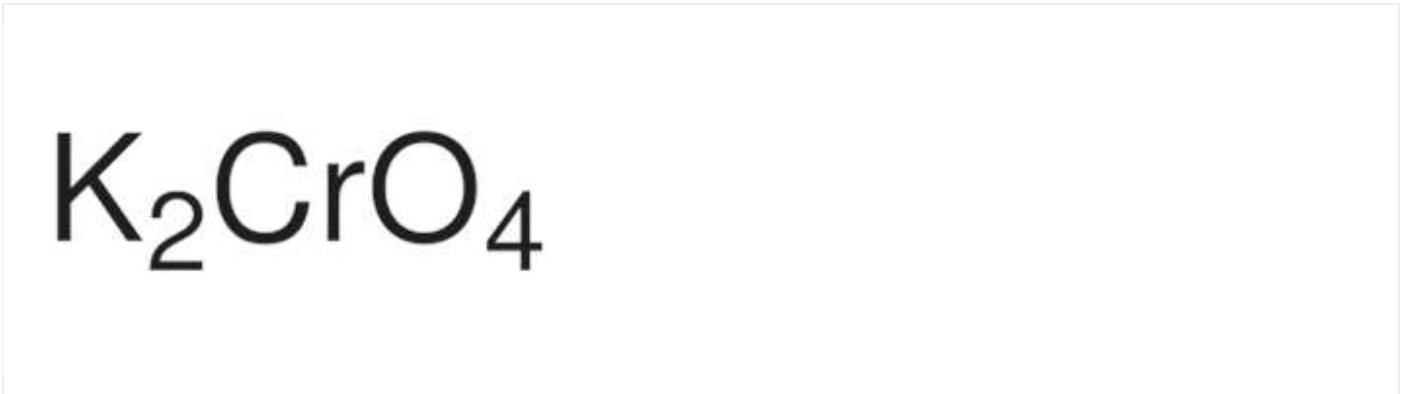
Appearance	Colorless solution
Normality	1N +/- 0.1%

Safety Information and Hazard Symbols

POTASSIUM CHROMATE 5% W/V AQUEOUS INDICATOR SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	02091	Grade	
Purity		CAS No.	7789-00-6
Molecular Formula		Molecular Weight	0.00
H.S.Code	3822.00900	Shelf Life	36 Months



Physical Properties

Physical state at 20 °C	Liquid	Colour	Deep yellow	Density [g/cm3]	1
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Packaging

Specification

Appearance	Clear yellow colored solution
Normality	0.1N +/- 0.1%

Safety Information and Hazard Symbols



Symbol: GHS07, GHS08, GHS09

Signal Word: Danger

UN No.: 3082

IMCO Class No.: 9

Packing Group: III

Hazardous Statement: H317-H340-H350i-H411

Precaution Statement: P201-P273-P280-P308 + P313

POTASSIUM DICHROMATE 0.25N SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	02097	Grade	
Purity		CAS No.	7778-50-9
Molecular Formula	K2Cr2O7	Molecular Weight	294.18
H.S.Code	3822.00900	Shelf Life	36 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Orange	Density [g/cm3]	1
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Packaging

Specification

Appearance	Clear, orange red colored solution
Normality	0.25N +/- 0.1%

Safety Information and Hazard Symbols


UN No.: NA IMCO Class No.: NA Risk Statement: 49-46-43-51-53 Safety Statement: 53-45-60-61

POTASSIUM DICHROMATE 0.0167M (0.1N) STANDARDIZED SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	02098	Grade	
Purity		CAS No.	7778-50-9
Molecular Formula	K2Cr2O7	Molecular Weight	294.18
H.S.Code	3822.00900	Shelf Life	36 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Orange	Density [g/cm3]	1
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Packaging

Specification

Appearance	Clear, orange red colored solution
Normality	0.1N +/- 0.1%

Safety Information and Hazard Symbols


Symbol: GHS08, GHS09 Signal Word: Warning UN No.: NA IMCO Class No.: NA Hazardous Statement: H340-H350-H360FD-H411 Precaution Statement: P201-P273-P308 + P313

POTASSIUM DICHROMATE 1/6 MOL/L (0.1N) VOLUMETRIC SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	02100	Grade	
Purity		CAS No.	7778-50-9
Molecular Formula		Molecular Weight	0.00
H.S.Code	3822.00900	Shelf Life	36 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Orange	Density [g/cm3]	1
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Packaging

Specification

Appearance	Clear, orange red colored solution
Normality	1N +/- 0.1%

Safety Information and Hazard Symbols


Symbol: GHS05, GHS07, GHS08, GHS09 Signal Word: Danger UN No.: 3287 IMCO Class No.: 6.1 Packing Group: III Hazardous Statement: H302-H314-H317-H332-H334-H335-H340-H350-H360FD-H373-H410 Precaution Statement: P201-P261-P273-P280-P305 + P351 + P338-P310

POTASSIUM HYDROXIDE 0.1N SOLUTION IN ETHANOL

Expiry date: 12 months from the date of opening

Product Code.	02123	Grade	
Purity		CAS No.	1310-58-3
Molecular Formula	KOH	Molecular Weight	56.11
H.S.Code	3822.00900	Shelf Life	36 Months



Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear colorless	Density [g/cm3]	1
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Packaging

Specification

Appearance	A clear Colourless solution
Normality	0.1N +/- 0.1%

Safety Information and Hazard Symbols



Symbol: GHS07
Signal Word: Danger
UN No.: 1814
IMCO Class No.: 8
Packing Group: III
Hazardous Statement: H302-H314
Precaution Statement: P280-P305 + P351 + P338-P310

POTASSIUM HYDROXIDE 0.1N SOLUTION IN WATER

Expiry date: 12 months from the date of opening

Product Code.	02118	Grade	
Purity		CAS No.	NA
Molecular Formula		Molecular Weight	0.00
H.S.Code	3822.00900	Shelf Life	36 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear colorless	Flash point [°C]	14°C
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Packaging

Specification

Appearance	A clear Colourless solution
Normality	0.1N +/-0.1%

Safety Information and Hazard Symbols



Symbol: GHS02, GHS07

Signal Word: Danger

UN No.: 1170

IMCO Class No.: 3

Packing Group: II

Hazardous Statement: H225-H315-H319-H412

Precaution Statement: P210-P273-P305 + P351 + P338

POTASSIUM HYDROXIDE 0.5N SOLUTION IN ETHANOL

Expiry date: 12 months from the date of opening

Product Code.	02126	Grade	
Purity		CAS No.	NA
Molecular Formula		Molecular Weight	0.00
H.S.Code	3822.00900	Shelf Life	36 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear colorless	Flash point [°C]	11 °C
Boiling point [°C]	78 °C	Density [g/cm3]	0.84		

Packaging

Specification

Appearance	A clear Colourless solution
Normality	0.5N +/-0.1%

Safety Information and Hazard Symbols



Symbol: GHS02, GHS07

Signal Word: Danger

UN No.: 1170

IMCO Class No.: 3

Packing Group: II

Hazardous Statement: H225-H315-H319-H412

Precaution Statement: P210-P273-P305 + P351 + P338

POTASSIUM HYDROXIDE 0.5N SOLUTION IN METHANOL

Expiry date: 12 months from the date of opening

Product Code.	02124	Grade	
Purity		CAS No.	1310-58-3
Molecular Formula	KOH	Molecular Weight	56.11
H.S.Code	3822.00900	Shelf Life	36 Months



Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear colorless	Density [g/cm3]	1.023
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Packaging

Specification

Appearance	A clear Colourless solution
Normality	0.5N +/-0.1%

Safety Information and Hazard Symbols



Symbol: GHS07
Signal Word: Danger
UN No.: 1814
IMCO Class No.: 8
Packing Group: III
Hazardous Statement: H302-H314
Precaution Statement: P280-P305 + P351 + P338-P310

POTASSIUM HYDROXIDE 1N SOLUTION IN ETHANOL

Expiry date: 12 months from the date of opening

Product Code.	02122	Grade	
Purity		CAS No.	1310-58-3
Molecular Formula	KOH	Molecular Weight	56.11
H.S.Code	3822.00900	Shelf Life	36 Months



Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear colorless	Density [g/cm3]	1
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Packaging

Specification

Appearance	A clear Colourless solution
Normality	0.05N +/- 0.1%

Safety Information and Hazard Symbols

POTASSIUM HYDROXIDE 1N SOLUTION IN METHANOL

Expiry date: 12 months from the date of opening

Product Code.	02127	Grade	
Purity		CAS No.	NA
Molecular Formula		Molecular Weight	0.00
H.S.Code	3822.00900	Shelf Life	36 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear colorless	Flash point [°C]	11.11 °C
Density [g/cm3]	0.86				

Packaging

Specification

Appearance	A clear Colourless solution
Normality	1N +/- 0.1%

Safety Information and Hazard Symbols


Symbol: GHS02, GHS05, GHS06 Signal Word: Danger UN No.: 2924 IMCO Class No.: 3 Packing Group: II Hazardous Statement: H225-H301-H311-H314-H331-H370 Precaution Statement: P210-P260-P280-P301 + P310-P305 + P351 + P338-P310

POTASSIUM HYDROXIDE 1N SOLUTION IN WATER

Expiry date: 12 months from the date of opening

Product Code.	02125	Grade	
Purity		CAS No.	1310-58-3
Molecular Formula	KOH	Molecular Weight	56.11
H.S.Code	3822.00900	Shelf Life	36 Months



Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear colorless	Density [g/cm3]	1.456
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Packaging

Specification

Appearance	A clear Colourless solution
Normality	1N +/-0.1%

Safety Information and Hazard Symbols



Symbol: GHS07
Signal Word: Danger
UN No.: 1814
IMCO Class No.: 8
Packing Group: III
Hazardous Statement: H302-H314
Precaution Statement: P280-P305 + P351 + P338-P310

POTASSIUM IODATE 0.05 MOL/L (0.3N) VOLUMETRIC SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	02132	Grade	
Purity		CAS No.	5/6/7758
Molecular Formula	KIO3	Molecular Weight	214.00
H.S.Code	3822.00900	Shelf Life	36 Months

Physical Properties

Physical state at 20 °C	Liquid	Density [g/cm3]	1.005
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Packaging

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Specification

Appearance	A clear Colourless solution
Normality	0.3N +/-0.1%

Safety Information and Hazard Symbols

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POTASSIUM IODATE 0.0147M (0.08833N) STANDARDIZED SOLUTION, LIQUID,
D.1.03

Expiry date: 12 months from the date of opening

Product Code.	02131	Grade	
Purity		CAS No.	5/6/7758
Molecular Formula	KIO3	Molecular Weight	214.00
H.S.Code	3822.00900	Shelf Life	36 Months

Physical Properties

Physical state at 20 °C	Liquid	Density [g/cm3]	1
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Packaging

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Specification

Appearance	A clear Colourless solution
Normality	0.08833 N +/-0.1%

Safety Information and Hazard Symbols

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POTASSIUM IODATE 1/60 MOL/L (0.1N) VOLUMETRIC SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	02130	Grade	
Purity		CAS No.	5/6/7758
Molecular Formula	KIO3	Molecular Weight	214.00
H.S.Code	3822.00900	Shelf Life	36 Months

Physical Properties

Physical state at 20 °C	Liquid	Density [g/cm3]	1.005
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Packaging

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Specification

Appearance	A clear Colourless solution
Normality	0.1N +/-0.1%

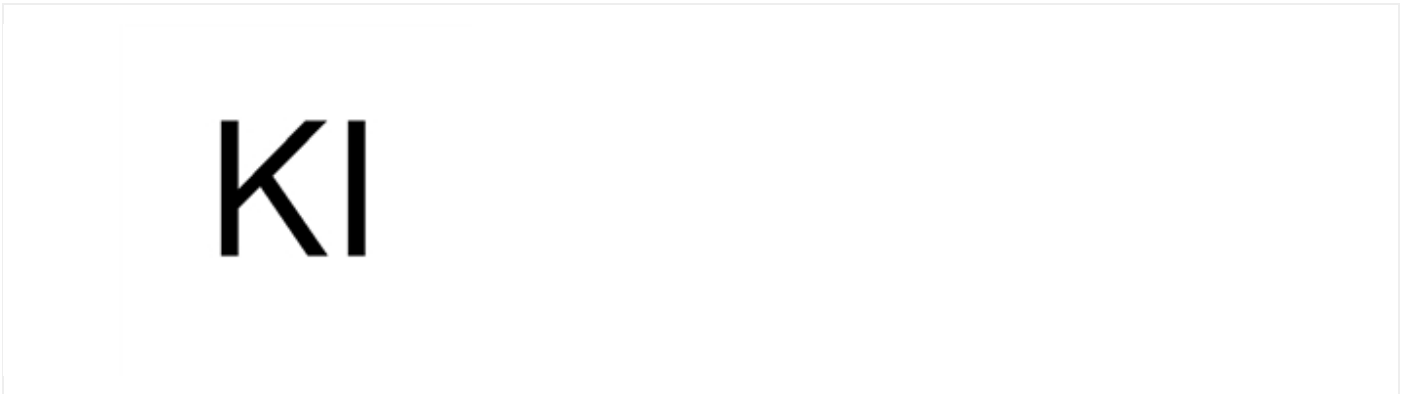
Safety Information and Hazard Symbols

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POTASSIUM IODIDE 0.1M SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	02135	Grade	
Purity		CAS No.	7681-11-0
Molecular Formula	KI	Molecular Weight	166.00
H.S.Code	3822.00900	Shelf Life	36 Months



Physical Properties

Physical state at 20 °C	Liquid
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Packaging

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Specification

Appearance	A clear Colourless solution
Normality	0.1N +/- 0.1%

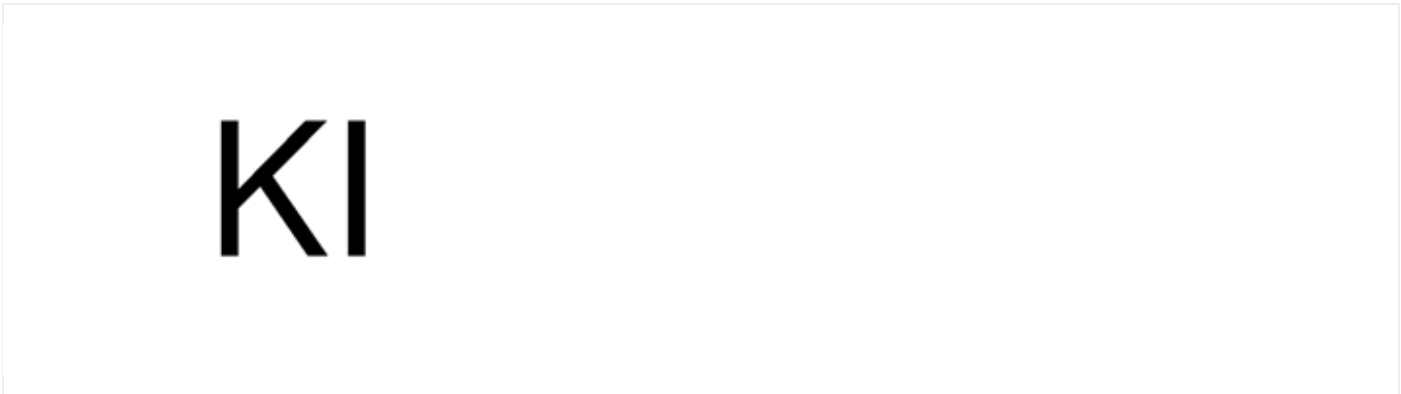
Safety Information and Hazard Symbols

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POTASSIUM IODIDE 1M SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	02136	Grade	
Purity		CAS No.	7681-11-0
Molecular Formula	KI	Molecular Weight	166.00
H.S.Code	3822.00900	Shelf Life	36 Months



Physical Properties

Physical state at 20 °C	Liquid
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Packaging

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Specification

Appearance	A clear Colourless solution
Molarity	1.0 M +/-0.1%

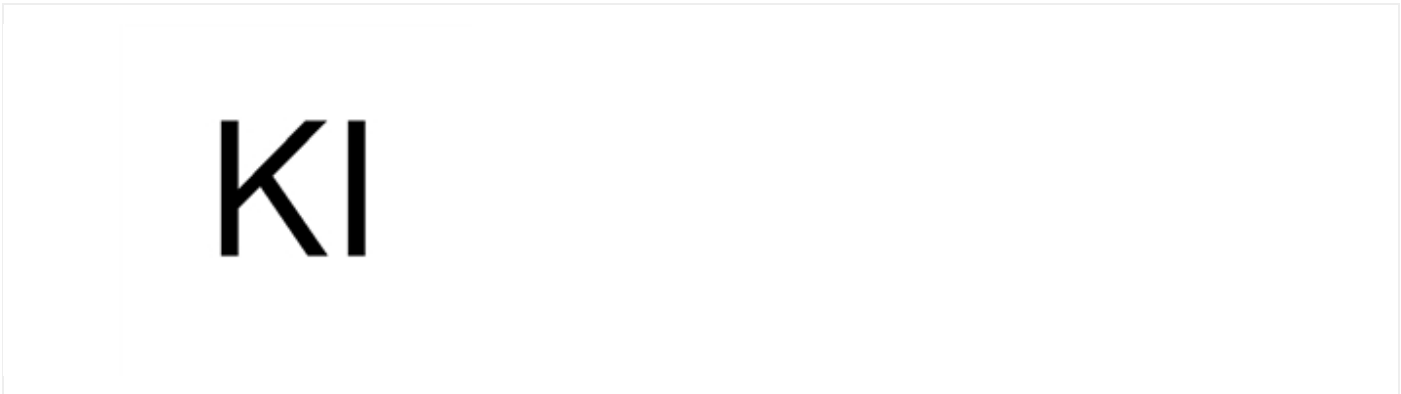
Safety Information and Hazard Symbols

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POTASSIUM IODIDE 3M SOLUTION

Expiry date: 12 months from the date of opening for potentiometer electrode

Product Code.	02137	Grade	
Purity		CAS No.	7681-11-0
Molecular Formula	KI	Molecular Weight	166.00
H.S.Code	3822.00900	Shelf Life	36 Months



Physical Properties

Physical state at 20 °C	Liquid	Density [g/cm3]	1.38
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Packaging

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Specification

Appearance	A clear Colourless solution
Molarity	3M +/-0.1%

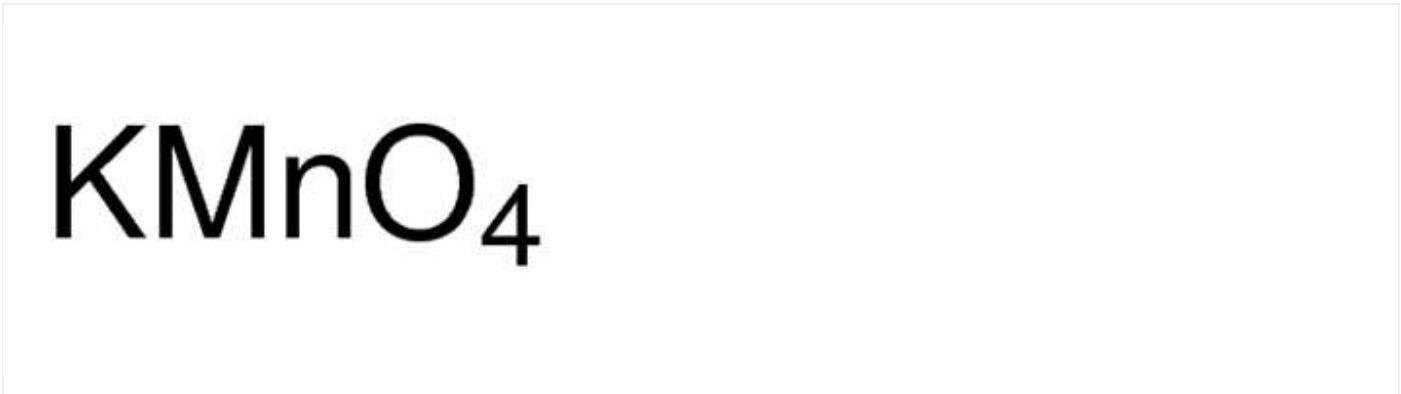
Safety Information and Hazard Symbols

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POTASSIUM PERMANGANATE 0.01M (0.05N) SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	02153	Grade	
Purity		CAS No.	7722-64-7
Molecular Formula	KMnO4	Molecular Weight	158.03
H.S.Code	3822.00900	Shelf Life	36 Months



Physical Properties

Physical state at 20 °C	Liquid	Colour	Purple	Odour	Odourless
Boiling point [°C]	100°C	Density [g/cm3]	1	Solubility in water [% weight]	Soluble in water

Packaging

Specification

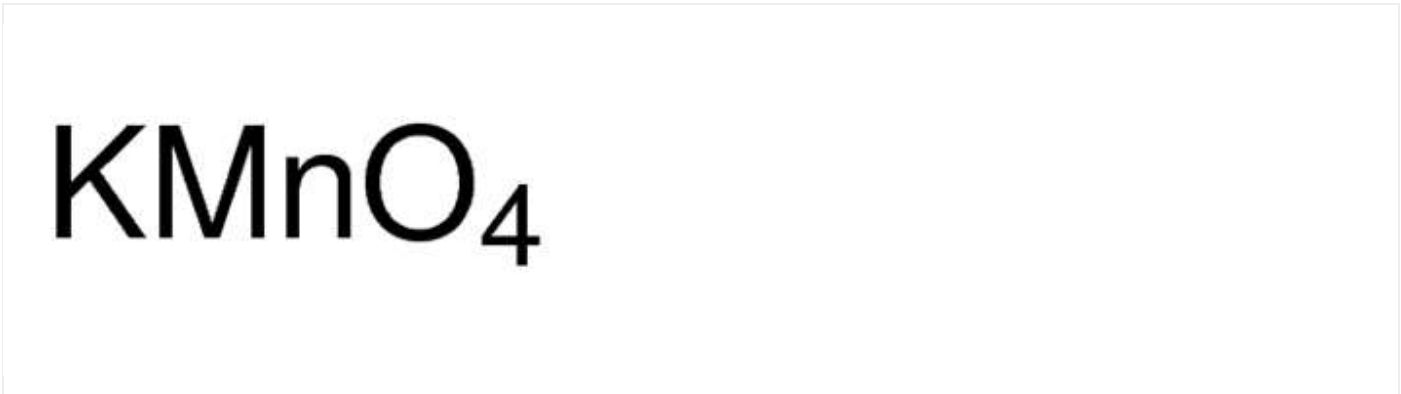
Appearance	Dark violet solution
Normality	0.05N +/- 0.5%

Safety Information and Hazard Symbols

POTASSIUM PERMANGANATE 0.1N (0.02 MOL/L) SOLUTION IN WATER

Expiry date: 12 months from the date of opening

Product Code.	02154	Grade	
Purity		CAS No.	7722-64-7
Molecular Formula	KMnO4	Molecular Weight	158.03
H.S.Code	3822.00900	Shelf Life	36 Months



Physical Properties

Physical state at 20 °C	Liquid	Colour	Purple	Odour	Odourless
Boiling point [°C]	100°C	Density [g/cm3]	1	Solubility in water [% weight]	Soluble in water

Specification

Appearance	Dark violet solution
Normality	0.1N +/-0.5%

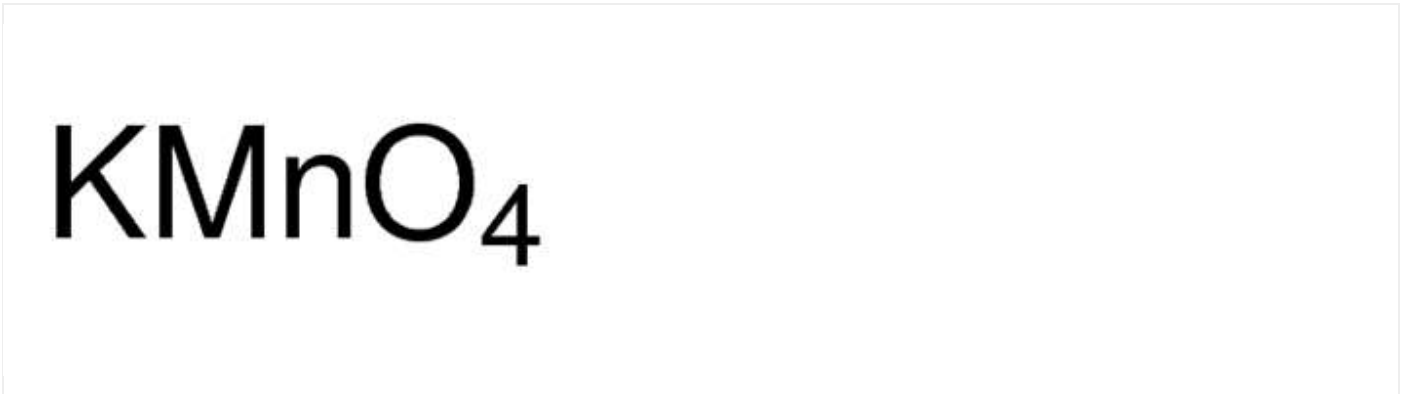
Safety Information and Hazard Symbols


Symbol: GHS09 UN No.: 3082 IMCO Class No.: 9 Packing Group: III Hazardous Statement: H411 Precaution Statement: P273 Risk Statement: R51/53 Safety Statement: S-61

POTASSIUM PERMANGANATE 0.5N 0.1 MOL/L) SOLUTION IN WATER

Expiry date: 12 months from the date of opening

Product Code.	02155	Grade	
Purity		CAS No.	7722-64-7
Molecular Formula	KMnO4	Molecular Weight	158.03
H.S.Code	3822.00900	Shelf Life	36 Months



Physical Properties

Physical state at 20 °C	Liquid	Colour	Purple	Odour	Odourless
Boiling point [°C]	100°C	Density [g/cm3]	1	Solubility in water [% weight]	Soluble in water

Packaging

Specification

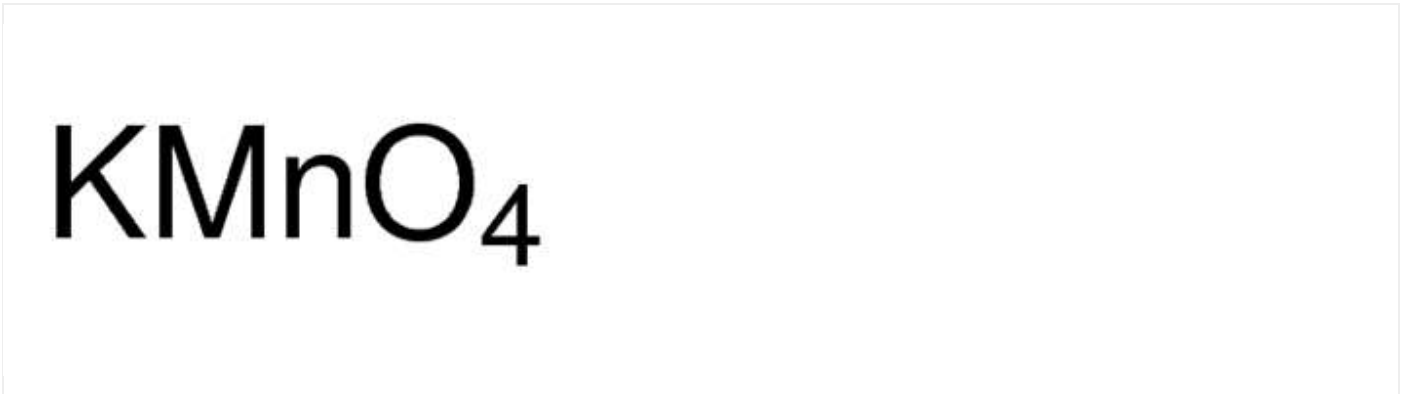
Appearance	Dark violet solution
Normality	0.25N +/- 0.5%

Safety Information and Hazard Symbols

POTASSIUM PERMANGANATE 1.0 N (0.02 MOL/L) SOLUTION IN WATER

Expiry date: 12 months from the date of opening

Product Code.	02156	Grade	
Purity		CAS No.	7722-64-7
Molecular Formula	KMnO4	Molecular Weight	158.03
H.S.Code	3822.00900	Shelf Life	36 Months



Physical Properties

Physical state at 20 °C	Liquid	Colour	Purple	Odour	Odourless
Boiling point [°C]	100°C	Density [g/cm3]	1	Solubility in water [% weight]	Soluble in water

Packaging

Specification

Appearance	Dark violet solution
Normality	1N +/-0.5%

Safety Information and Hazard Symbols



UN No.: NA
IMCO Class No.: NA
Risk Statement: 52/53
Safety Statement: 61

Expiry date: 12 months from the date of opening

Product Code.	02185	Grade	
Purity		CAS No.	333-20-0
Molecular Formula	KSCN	Molecular Weight	97.18
H.S.Code	3822.00900	Shelf Life	36 Months



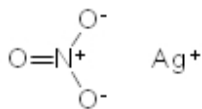
Physical state at 20 °C	Liquid	pH value	5.3 - 8.7 at 97.2 g/l at 20 °C	Density [g/cm3]	1.886
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Appearance	Colorless liquid
Normality	0.1N +/-0.1%

SILVER NITRATE 0.01M (0.01N) STANDARDIZED SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	02328	Grade	
Purity		CAS No.	7761-88-8
Molecular Formula	AgNO3	Molecular Weight	169.87
H.S.Code	3822.00900	Shelf Life	36 Months



Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear Colorless	Density [g/cm3]	1.015
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Packaging

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Specification

Appearance	A clear, colourless solution
Normality	0.01N +/-0.1%

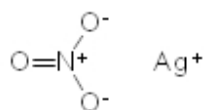
Safety Information and Hazard Symbols

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SILVER NITRATE 0.5M (0.5N) SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	02329	Grade	
Purity		CAS No.	7761-88-8
Molecular Formula	AgNO ₃	Molecular Weight	169.87
H.S.Code	3822.00900	Shelf Life	36 Months



Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear Colorless	Density [g/cm ³]	1.015
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Packaging

Specification

Appearance	A clear, colourless solution
Normality	0.5N +/-0.1%

Safety Information and Hazard Symbols



Symbol: GHS07, GHS09

Signal Word: Warning

UN No.: 3082

IMCO Class No.: 9

Packing Group: III

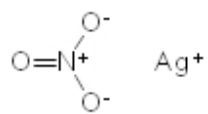
Hazardous Statement: H315-H319-H400-H411

Precaution Statement: P273-P305 + P351 + P338

SILVER NITRATE 1N VOLUMETRIC SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	02327	Grade	
Purity		CAS No.	7761-88-8
Molecular Formula	AgNO3	Molecular Weight	169.87
H.S.Code	3822.00900	Shelf Life	36 Months



Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear Colorless	Density [g/cm3]	1.135
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Packaging

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Specification

Appearance	A clear, colourless solution
Normality	1N +/-0.1%

Safety Information and Hazard Symbols

 
Symbol: GHS05, GHS09 Signal Word: Danger UN No.: 3264 IMCO Class No.: 8 Packing Group: II Hazardous Statement: H314-H410 Precaution Statement: P220-P273-P280-P305 + P351 + P338-P310-P501

SODIUM ARSENITE 0.005M (0.01N) STANDARDIZED SOULUTION

Expiry date: 12 months from the date of opening

Product Code.	02354	Grade	
Purity		CAS No.	7784-46-5
Molecular Formula	NaAsO2	Molecular Weight	129.91
H.S.Code	3822.00900	Shelf Life	36 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear Colorless	Boiling point [°C]	100 °C
Solubility in water [% weight]	Completely miscible				

Packaging

Specification

Appearance	Clear, Colorless solution
Normality	0.01N +/-0.1%

Safety Information and Hazard Symbols

 
Symbol: GHS06, GHS09 Signal Word: Danger UN No.: 1686 IMCO Class No.: 6.1 Packing Group: III Hazardous Statement: H301 + H331-H411 Precaution Statement: P261-P273-P301 + P310-P311

SODIUM ARSENITE 0.05M (0.1N) STANDARDIZED SOLUTION LIQUID, D. 1.05

Expiry date: 12 months from the date of opening

Product Code.	02353	Grade	
Purity		CAS No.	7784-46-5
Molecular Formula	NaAsO ₂	Molecular Weight	129.91
H.S.Code	3822.00900	Shelf Life	36 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear Colorless	Boiling point [°C]	100 °C
Solubility in water [% weight]	Completely miscible				

Packaging

Specification

Appearance	Clear, Colorless solution
Normality	0.1N +/-0.1%

Safety Information and Hazard Symbols

 
Symbol: GHS06, GHS09 Signal Word: Danger UN No.: 1686 IMCO Class No.: 6.1 Packing Group: III Hazardous Statement: H301 + H331-H411 Precaution Statement: P261-P273-P301 + P310-P311

SODIUM ARSENITE 0.15M (0.3N) STANDARDIZED SOULUTION

Expiry date: 12 months from the date of opening

Product Code.	02355	Grade	
Purity		CAS No.	7784-46-5
Molecular Formula	NaAsO2	Molecular Weight	129.91
H.S.Code	3822.00900	Shelf Life	36 Months

Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear Colorless	Boiling point [°C]	100 °C
Solubility in water [% weight]	Completely miscible				

Packaging

Specification

Appearance	Clear, Colorless solution
Normality	0.3N +/-0.1%

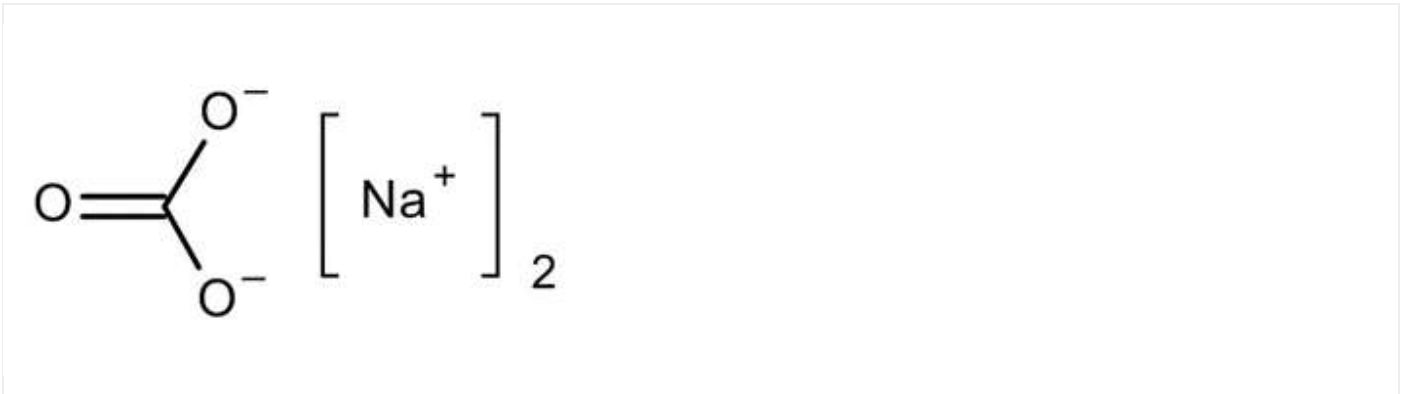
Safety Information and Hazard Symbols

 
Symbol: GHS06, GHS09 Signal Word: Danger UN No.: 1686 IMCO Class No.: 6.1 Packing Group: III Hazardous Statement: H301 + H331-H411 Precaution Statement: P261-P273-P301 + P310-P311

SODIUM CARBONATE 0.05M (0.1N) STANDARDIZED SOLUTION, LIQUID, D. 1.1

Expiry date: 12 months from the date of opening

Product Code.	02378A	Grade	
Purity		CAS No.	497-19-8
Molecular Formula	Na2CO3	Molecular Weight	105.99
H.S.Code	3822.00900	Shelf Life	36 Months



Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear Colorless
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Packaging

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Specification

Appearance	A clear colourless solution
Normality	0.1N +/-0.1%

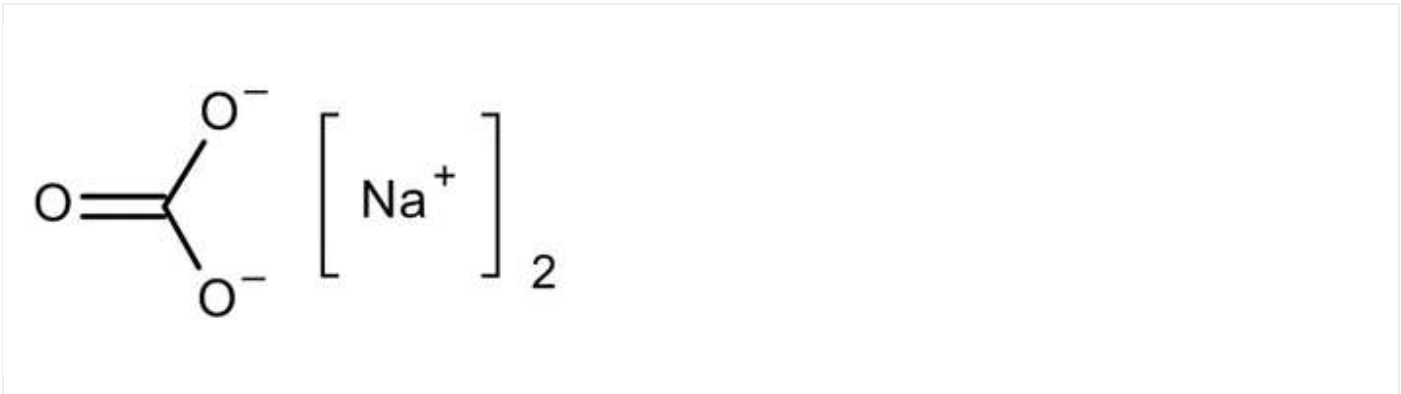
Safety Information and Hazard Symbols

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SODIUM CARBONATE 0.5M (1N) STANDARDIZED SOLUTION, LIQUID, D. 1.1

Expiry date: 12 months from the date of opening

Product Code.	02379	Grade	
Purity		CAS No.	497-19-8
Molecular Formula	Na2CO3	Molecular Weight	105.99
H.S.Code	3822.00900	Shelf Life	36 Months



Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear Colorless
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Packaging

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Specification

Appearance	A clear colourless solution
Normality	1.0 N +/-0.1%

Safety Information and Hazard Symbols

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SODIUM CHLORIDE 0.1N SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	02386	Grade	
Purity		CAS No.	7647-14-5
Molecular Formula	NaCl	Molecular Weight	58.44
H.S.Code	3822.00900	Shelf Life	36 Months



Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear colorless	Density [g/cm3]	1
Solubility in water [% weight]	Completely miscible				

Packaging

Specification

Appearance	Clear colourless liquid
Normality	0.1N +/-0.1%

Safety Information and Hazard Symbols

SODIUM CHLORIDE 0.5 N SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	02385	Grade	
Purity		CAS No.	7647-14-5
Molecular Formula	NaCl	Molecular Weight	58.44
H.S.Code	3822.00900	Shelf Life	36 Months



Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear colorless	Density [g/cm3]	1
Solubility in water [% weight]	Completely miscible				

Packaging



Specification

Appearance	Clear colourless liquid
Normality	0.05N +/-0.1%

Safety Information and Hazard Symbols

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SODIUM CHLORIDE 1N SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	02387	Grade	
Purity		CAS No.	7647-14-5
Molecular Formula	NaCl	Molecular Weight	58.44
H.S.Code	3822.00900	Shelf Life	36 Months



Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear colorless	Density [g/cm3]	1
Solubility in water [% weight]	Completely miscible				

Packaging

Specification

Appearance	Clear colourless liquid
Normality	1N +/-0.1%

Safety Information and Hazard Symbols

SODIUM HYDROXIDE 0.1MOL/L (0.1N)

Product Code.	02433	Grade	
Purity		CAS No.	1310-73-2
Molecular Formula	NaOH	Molecular Weight	40.00
H.S.Code	3822.00900	Shelf Life	36 Months

NaOH

Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear Colorless	Boiling point [°C]	100 °C
Density [g/cm3]	1.01				

Specification

Appearance	A Clear Colorless Liquid.
Molarity	0.0995 - 0.1005 M

Safety Information and Hazard Symbols

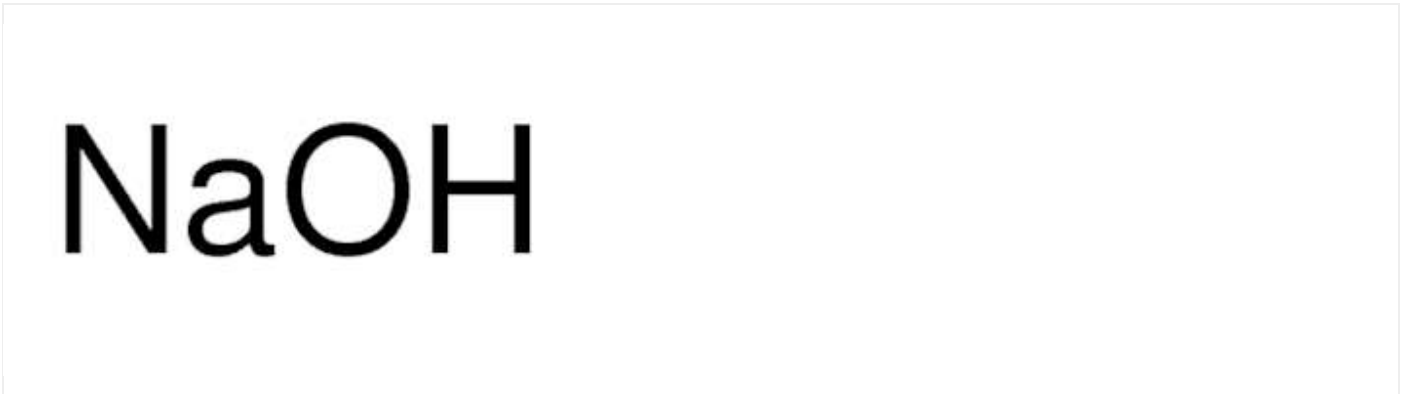


Symbol : GHS05
Signal Word : Danger
UN No.: 1824
IMCO Class No.: 8
Packing Group : II
Hazardous Statement : H314
Precaution Statement : P280-P305 +P351 +P338-P310

SODIUM HYDROXIDE 0.02M (0.02N) STANDARDIZED SOLUTION - LIQUID D. 1.0

Expiry date: 12 months from the date of opening

Product Code.	02426	Grade	
Purity		CAS No.	1310-73-2
Molecular Formula	NaOH	Molecular Weight	40.00
H.S.Code	3822.00900	Shelf Life	36 Months



Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear colorless	Boiling point [°C]	100 °C
Density [g/cm3]	1				

Packaging

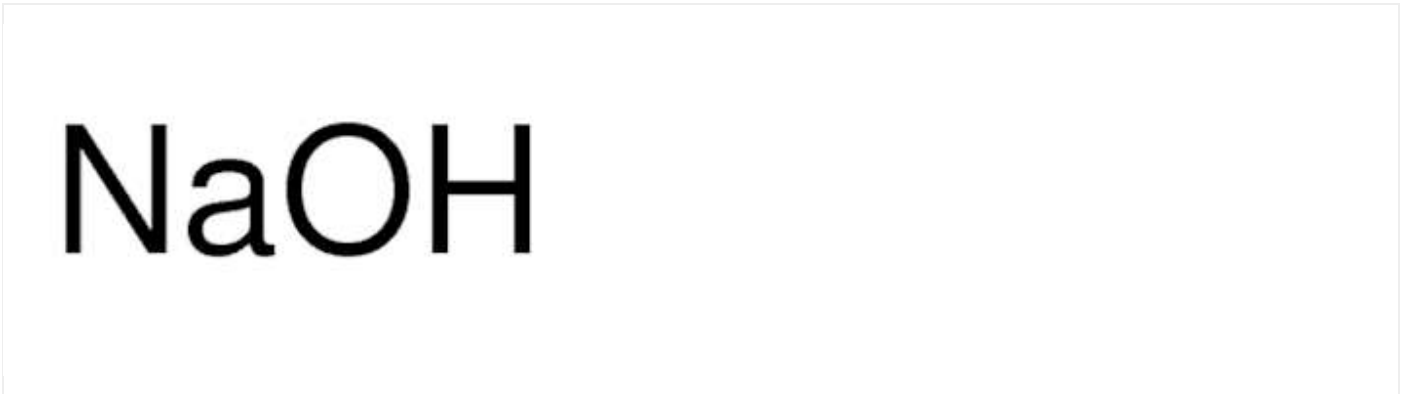
Specification

Appearance	A clear colorless Liquid.
Normality	0.02N +/-0.1%

Safety Information and Hazard Symbols

SODIUM HYDROXIDE 0.2M (0.2N) STANDARDIZED SOLUTION - LIQUID D. 1.01
Expiry date: 12 months from the date of opening

Product Code.	02428	Grade	
Purity		CAS No.	1310-73-2
Molecular Formula	NaOH	Molecular Weight	40.00
H.S.Code	3822.00900	Shelf Life	36 Months



Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear colorless	Boiling point [°C]	100 °C
Density [g/cm3]	1				

Specification

Appearance	A clear colorless Liquid.
Normality	0.2N +/-0.1%

Safety Information and Hazard Symbols


Symbol: GHS07 Signal Word: Warning UN No.: NA IMCO Class No.: NA Hazardous Statement: H315-H319 Precaution Statement: P305 + P351 + P338

SODIUM HYDROXIDE 0.5M (0.5N) STANDARDIZED SOLUTION - LIQUID D.

1.02

Expiry date: 12 months from the date of opening

Product Code.	02429	Grade	
Purity		CAS No.	1310-73-2
Molecular Formula	NaOH	Molecular Weight	40.00
H.S.Code	3822.00900	Shelf Life	36 Months

NaOH

Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear colorless	Boiling point [°C]	100 °C
Density [g/cm3]	1				

Specification

Appearance	A clear colorless Liquid.
Normality	0.5N +/-0.1%

Safety Information and Hazard Symbols



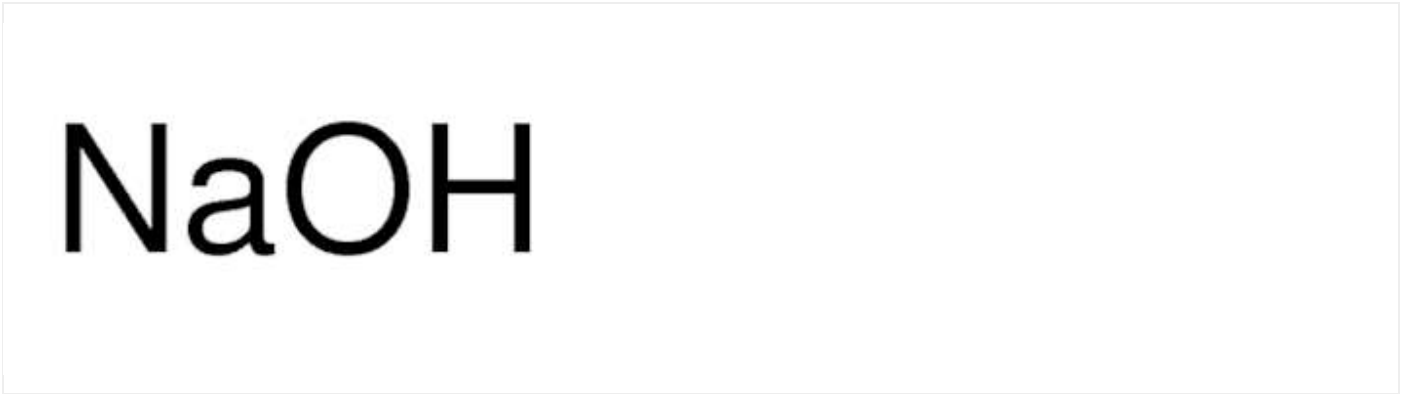
Symbol: GHS05
Signal Word: Danger
UN No.: 1824
IMCO Class No.: 8
Packing Group: III
Hazardous Statement: H314
Precaution Statement: P280-P305 + P351 + P338-P310

SODIUM HYDROXIDE 0.25M (0.25N) STANDARDIZED SOLUTION - LIQUID D.

1.01

Expiry date: 12 months from the date of opening

Product Code.	02427	Grade	
Purity		CAS No.	1310-73-2
Molecular Formula	NaOH	Molecular Weight	40.00
H.S.Code	3822.00900	Shelf Life	36 Months



Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear colorless	Boiling point [°C]	100 °C
Density [g/cm3]	1				

Packaging

Specification

Appearance	A clear colorless Liquid.
Normality	0.25 N +/-0.1%

Safety Information and Hazard Symbols

SODIUM HYDROXIDE 1M (1N) STANDARDIZED SOLUTION - LIQUID D. 1.04

Expiry date: 12 months from the date of opening

Product Code.	02430	Grade	
Purity		CAS No.	1310-73-2
Molecular Formula	NaOH	Molecular Weight	40.00
H.S.Code	3822.00900	Shelf Life	36 Months

NaOH

Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear colorless	Boiling point [°C]	100 °C
Density [g/cm3]	1				

Specification

Appearance	A clear colorless Liquid.
Normality	1N +/-0.1%

Safety Information and Hazard Symbols



Symbol: GHS05
Signal Word: Danger
UN No.: 1824
IMCO Class No.: 8
Packing Group: III
Hazardous Statement: H314
Precaution Statement: P280-P305 + P351 + P338-P310

SODIUM HYDROXIDE 2M (2N) STANDARDIZED SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	02431	Grade	
Purity		CAS No.	1310-73-2
Molecular Formula	NaOH	Molecular Weight	40.00
H.S.Code	3822.00900	Shelf Life	36 Months

NaOH

Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear colorless	Boiling point [°C]	100 °C
Density [g/cm3]	1				

Specification

Appearance	A clear colorless Liquid.
Normality	2N +/-0.1%

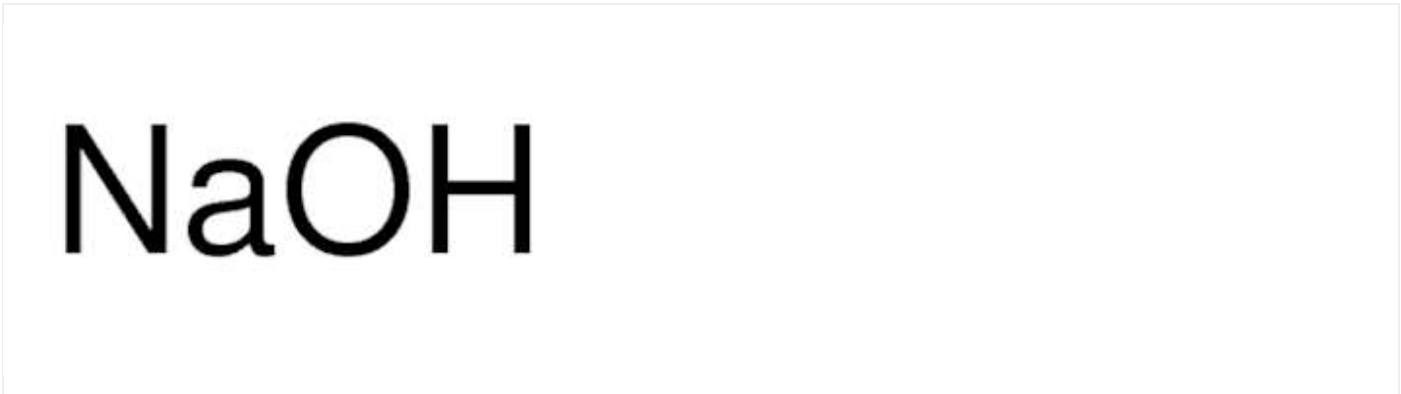
Safety Information and Hazard Symbols


Symbol: GHS05 Signal Word: Danger UN No.: 1824 IMCO Class No.: 8 Packing Group: III Hazardous Statement: H314 Precaution Statement: P280-P305 + P351 + P338-P310

SODIUM HYDROXIDE 4M (4N) STANDARDIZED SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	02432	Grade	
Purity		CAS No.	1310-73-2
Molecular Formula	NaOH	Molecular Weight	40.00
H.S.Code	3822.00900	Shelf Life	36 Months



Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear colorless	Boiling point [°C]	100 °C
Density [g/cm3]	1				

Specification

Appearance	A clear colorless Liquid.
Normality	4N +/-0.1%

Safety Information and Hazard Symbols

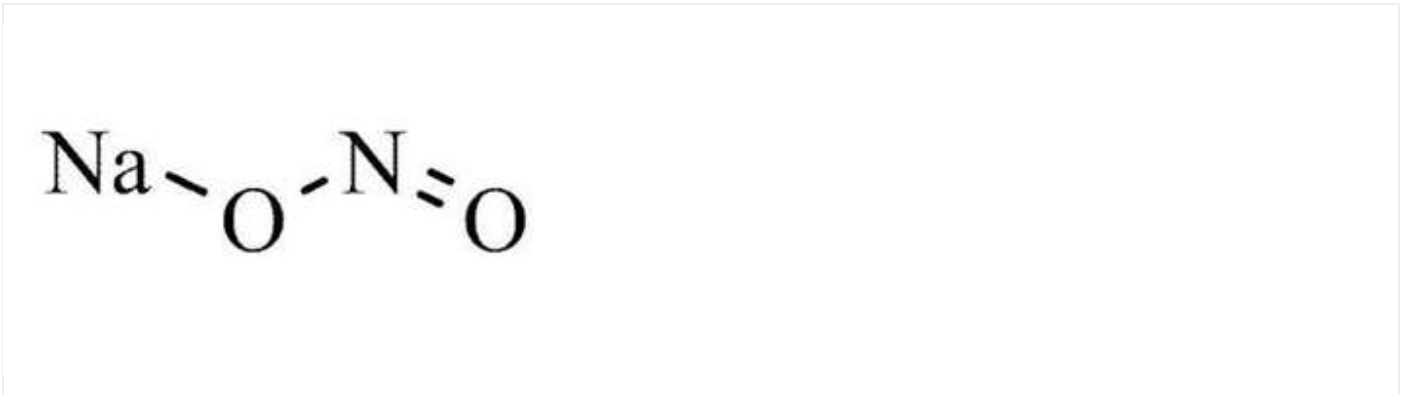


Symbol: GHS05
Signal Word: Danger
UN No.: 1824
IMCO Class No.: 8
Packing Group: III
Hazardous Statement: H314
Precaution Statement: P280-P305 + P351 + P338-P310

SODIUM NITRITE 0.1 MOL/L (0.2 N) VOLUMETRIC SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	02462	Grade	
Purity		CAS No.	7632-00-0
Molecular Formula	NaNO2	Molecular Weight	69.00
H.S.Code	3822.00900	Shelf Life	36 Months



Physical Properties

Physical state at 20 °C	Liquid	Colour	Light yellow	Density [g/cm3]	1.01
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Packaging

Specification

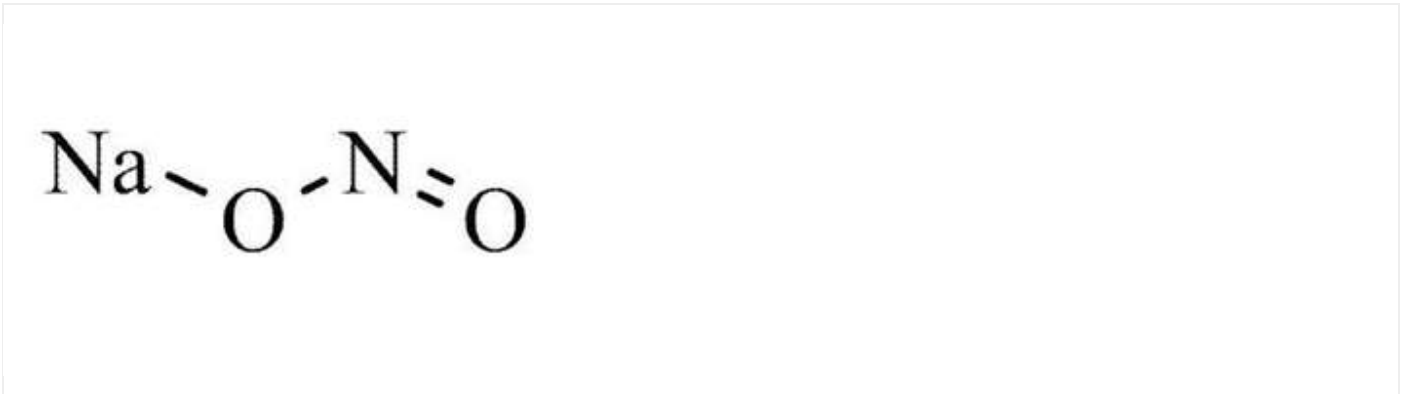
Appearance	Slightly pale yellow solutionn
Normality	0.2 N +/- 0.1%

Safety Information and Hazard Symbols

SODIUM NITRITE 0.2 MOL/L (0.4 N) VOLUMETRIC SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	02463	Grade	
Purity		CAS No.	7632-00-0
Molecular Formula	NaNO2	Molecular Weight	69.00
H.S.Code	3822.00900	Shelf Life	36 Months



Physical Properties

Physical state at 20 °C	Liquid	Colour	Light yellow	Density [g/cm3]	1.01
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Packaging

Specification

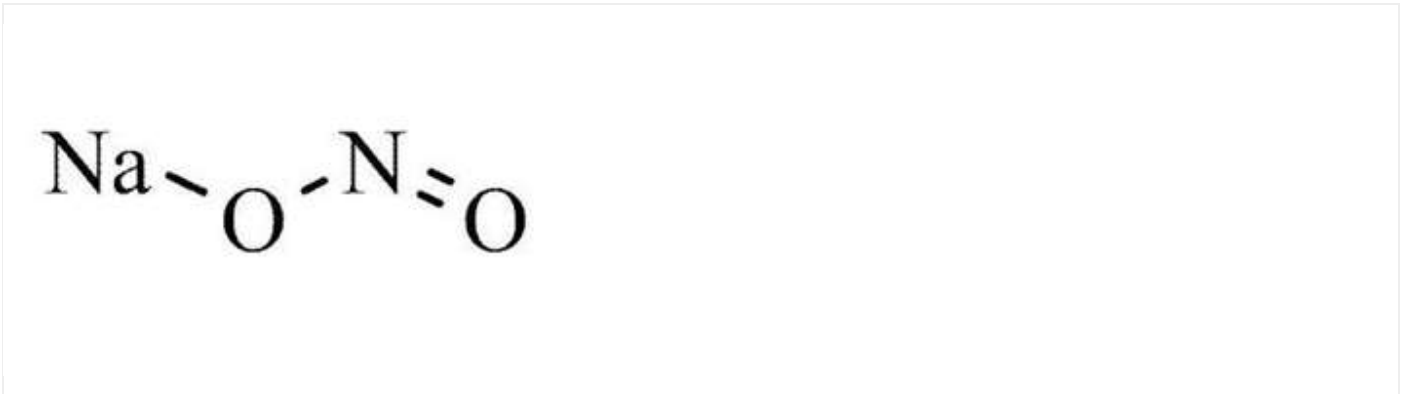
Appearance	Slightly pale yellow solution
Normality	0.4 N +/- 0.1%

Safety Information and Hazard Symbols

SODIUM NITRITE 0.5 MOL/L (1 N) VOLUMETRIC SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	02464	Grade	
Purity		CAS No.	7632-00-0
Molecular Formula	NaNO2	Molecular Weight	69.00
H.S.Code	3822.00900	Shelf Life	36 Months



Physical Properties

Physical state at 20 °C	Liquid	Colour	Light yellow	Density [g/cm3]	1.01
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Packaging

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Specification

Appearance	Slightly pale yellow solution
Normality	1N +/-0.1%

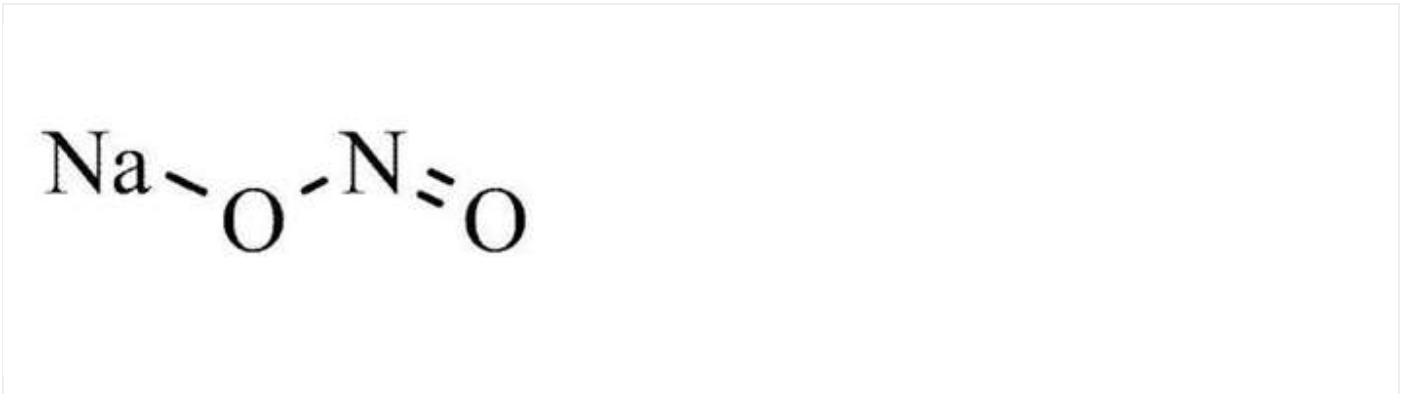
Safety Information and Hazard Symbols

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SODIUM NITRITE 1 MOL/L (2 N) VOLUMETRIC SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	02465	Grade	
Purity		CAS No.	7632-00-0
Molecular Formula	NaNO2	Molecular Weight	69.00
H.S.Code	3822.00900	Shelf Life	36 Months



Physical Properties

Physical state at 20 °C	Liquid	Colour	Light yellow	Density [g/cm3]	1.01
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Packaging

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Specification

Appearance	Slightly pale yellow solution
Description	Pale yellow colored solution
Normality	2N +/- 0.1%

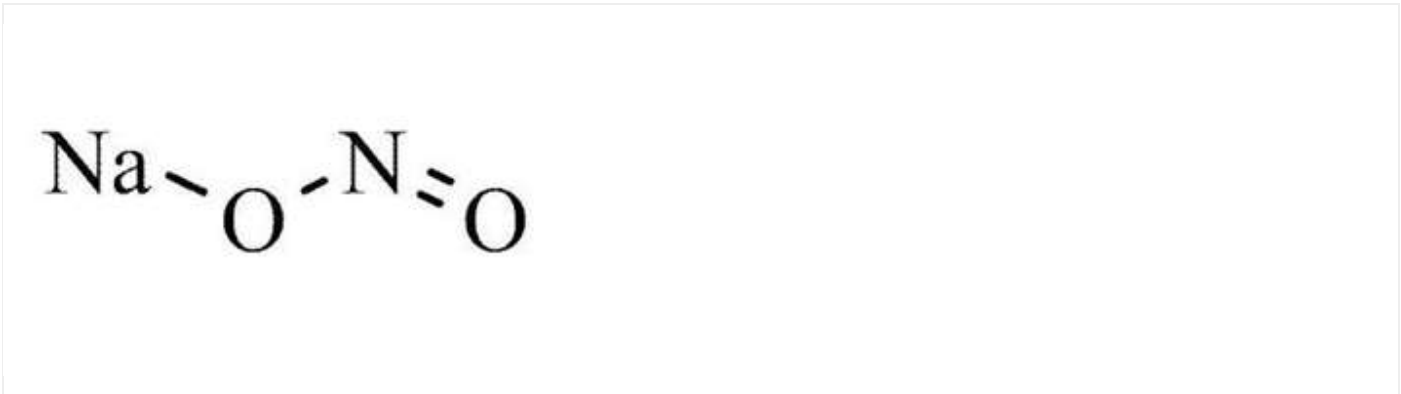
Safety Information and Hazard Symbols

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SODIUM NITRITE 4 MOL/L (8 N) VOLUMETRIC SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	02466	Grade	
Purity		CAS No.	7632-00-0
Molecular Formula		Molecular Weight	0.00
H.S.Code	3822.00900	Shelf Life	36 Months



Physical Properties

Physical state at 20 °C	Liquid	Colour	Light yellow	Density [g/cm3]	1.01
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Packaging

Specification

Appearance	Slightly pale yellow solution
Normality	8N +/- 0.1%

Safety Information and Hazard Symbols

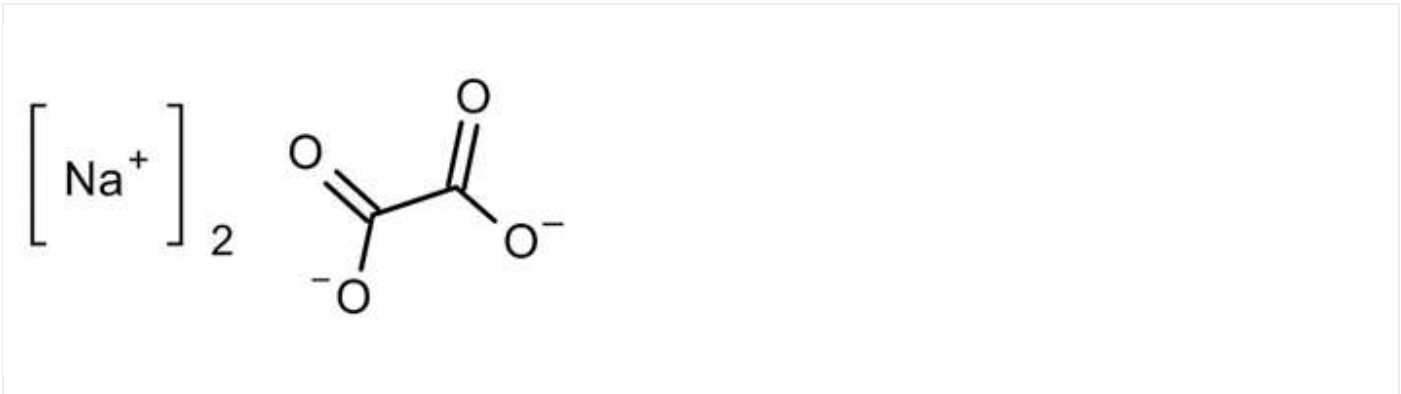


Symbol: GHS03, GHS07
Signal Word: Warning
UN No.: 3099
IMCO Class No.: 5.1
Packing Group: III
Hazardous Statement: H272-H302
Precaution Statement: P220

SODIUM OXALATE 0.05 MOL/L (0.1N) VOLUMETRIC SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	02473	Grade	
Purity		CAS No.	62-76-0
Molecular Formula	(COONa)2	Molecular Weight	134.00
H.S.Code	3822.00900	Shelf Life	36 Months



Physical Properties

Physical state at 20 °C	Liquid
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Packaging

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Specification

Appearance	Colorless liquid
Normality	0.1N +/-0.1%

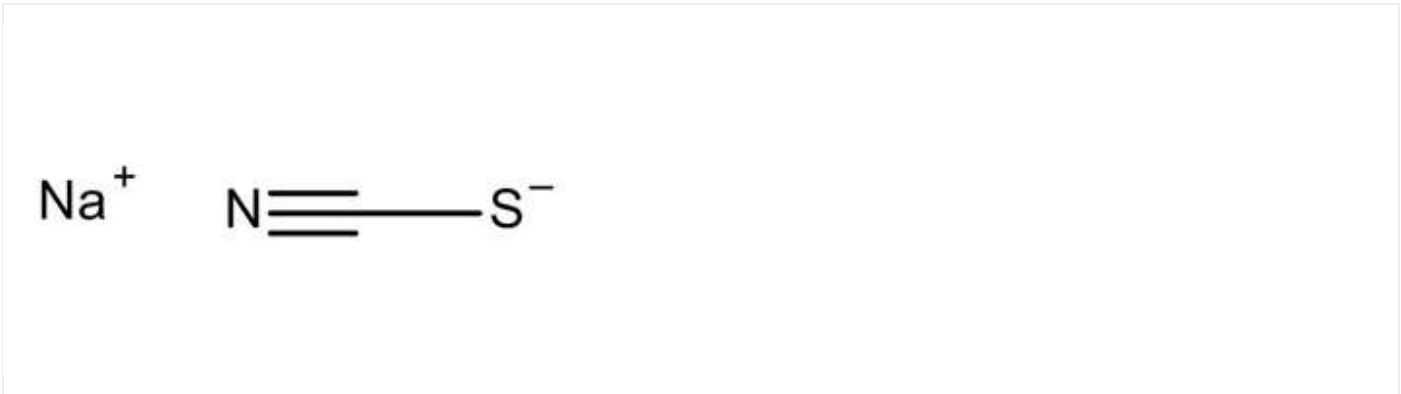
Safety Information and Hazard Symbols

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SODIUM THIOCYANATE 0.1M (0.1N) STANDARIZED SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	02525	Grade	
Purity		CAS No.	540-72-7
Molecular Formula	NaSCN	Molecular Weight	81.07
H.S.Code	3822.00900	Shelf Life	36 Months



Physical Properties

Physical state at 20 °C	Liquid
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Packaging

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Specification

Appearance	Colorless solution
Normality	0.1N +/- 0.1%

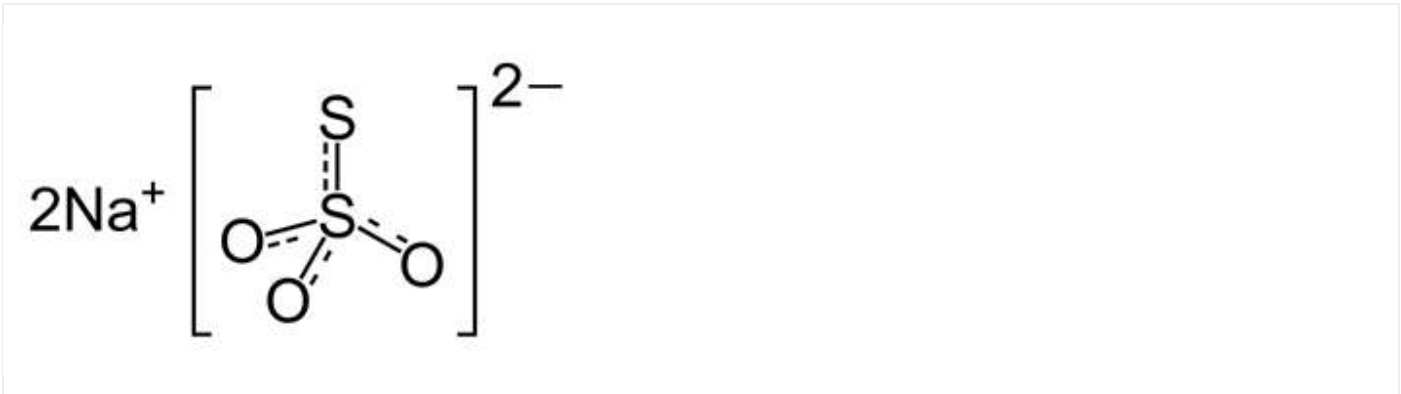
Safety Information and Hazard Symbols

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SODIUM THIOSULPHATE 0.01N SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	02531	Grade	
Purity		CAS No.	7772-98-7
Molecular Formula	Na2S2O3	Molecular Weight	158.11
H.S.Code	3822.00900	Shelf Life	36 Months



Physical Properties

Physical state at 20 °C	Liquid	Boiling point [°C]	100 °C	Density [g/cm3]	1.01
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Packaging

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Specification

Appearance	Clear colorless solution
Normality	0.01N +/-0.1%

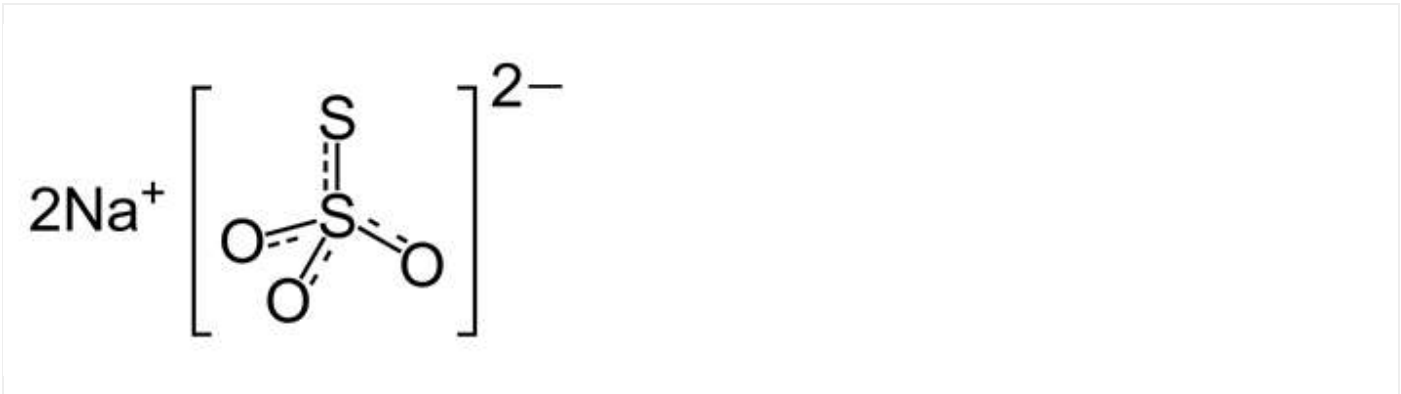
Safety Information and Hazard Symbols

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SODIUM THIOSULPHATE 0.5N SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	02532	Grade	
Purity		CAS No.	7772-98-7
Molecular Formula	Na2S2O3	Molecular Weight	158.11
H.S.Code	3822.00900	Shelf Life	36 Months



Physical Properties

Physical state at 20 °C	Liquid	Boiling point [°C]	100 °C	Density [g/cm3]	1.01
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Packaging

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Specification

Appearance	Clear colorless solution
Normality	0.05N +/-0.1%

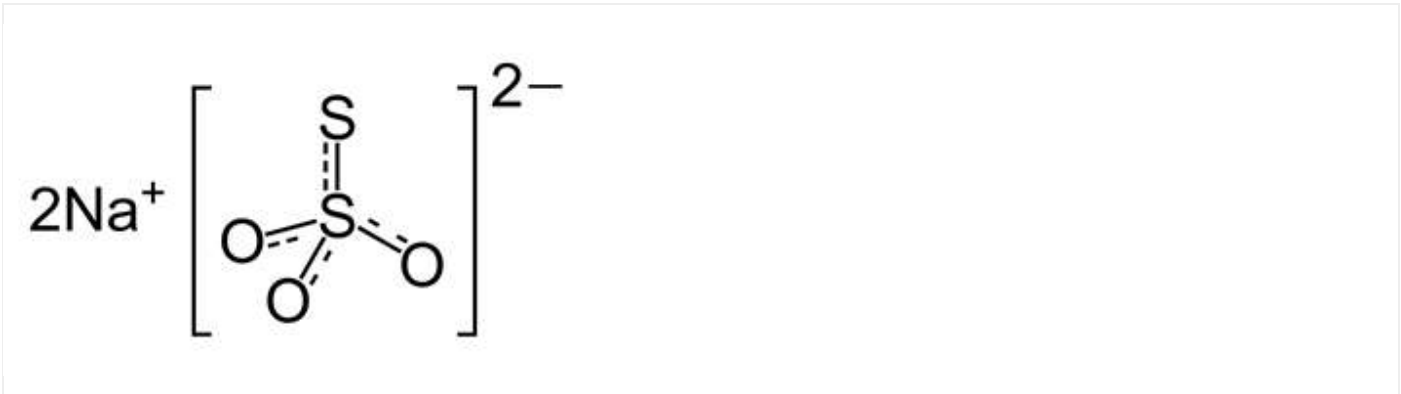
Safety Information and Hazard Symbols

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SODIUM THIOSULPHATE 1N SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	02533	Grade	
Purity		CAS No.	7772-98-7
Molecular Formula	Na2S2O3	Molecular Weight	158.11
H.S.Code	3822.00900	Shelf Life	36 Months



Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear Colorless	Density [g/cm3]	1.01
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Packaging

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Specification

Appearance	Clear colorless solution
Normality	1N +/-0.1%

Safety Information and Hazard Symbols

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Expiry date: 12 months from the date of opening

$$\text{H}_2\text{SO}_4$$

Physical state at 20 °C	Liquid
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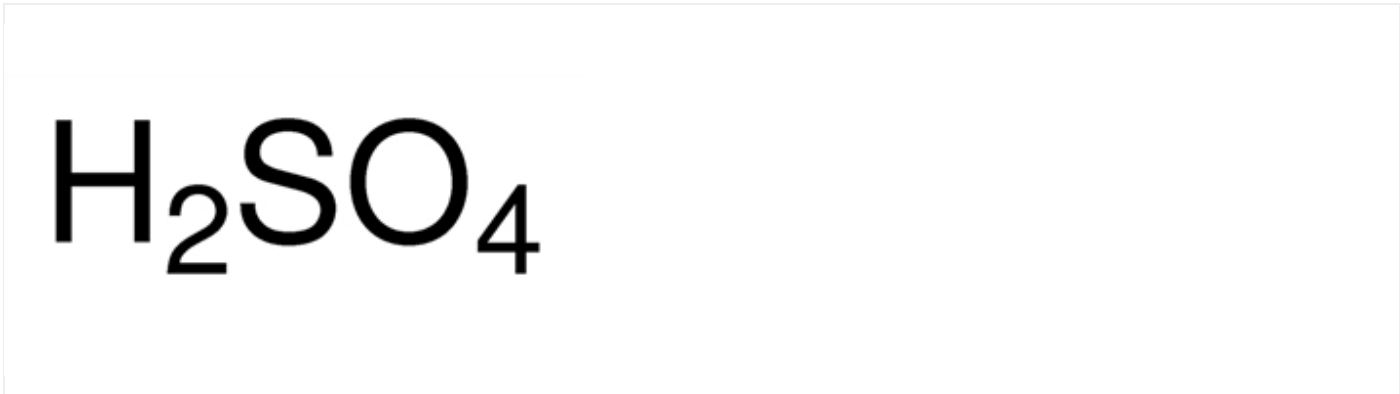
Appearance	Clear colorless solution
Molarity	0.0995 - 0.1005 M

Symbol: GHS07 Signal Word: Warning UN No.: 3264 IMCO Class No.: 8 Packing Group: III Hazardous Statement: H315-H319 Precaution Statement: P305 + P351 + P338	

SULPHURIC ACID 0.05MOL/L (0.1N) FOR 500 ML SOLUTION

Expiry date: 12 months from the date of opening (2x2 amps. Of set in a box)

Product Code.	02926	Grade	
Purity		CAS No.	7664-93-9
Molecular Formula	H2SO4	Molecular Weight	98.08
H.S.Code	3822.00900	Shelf Life	36 Months



Physical Properties

Physical state at 20 °C	Liquid
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Packaging

Specification

Appearance	Clear colorless solution
Normality	0.1N +/-0.1%

Safety Information and Hazard Symbols



Symbol: GHS07
Signal Word: Warning
UN No.: 3264
IMCO Class No.: 8
Packing Group: III
Hazardous Statement: H315-H319
Precaution Statement: P305 + P351 + P338

Expiry date: 12 months from the date of opening

$$\text{H}_2\text{SO}_4$$

Physical state at 20 °C	Liquid
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Appearance	Clear colorless solution
Normality	0.5N +/-0.1%

Symbol: GHS07 Signal Word: Warning UN No.: 3264 IMCO Class No.: 8 Packing Group: III Hazardous Statement: H315-H319 Precaution Statement: P305 + P351 + P338	

Expiry date: 12 months from the date of opening

$$\text{H}_2\text{SO}_4$$

Physical state at 20 °C	Liquid
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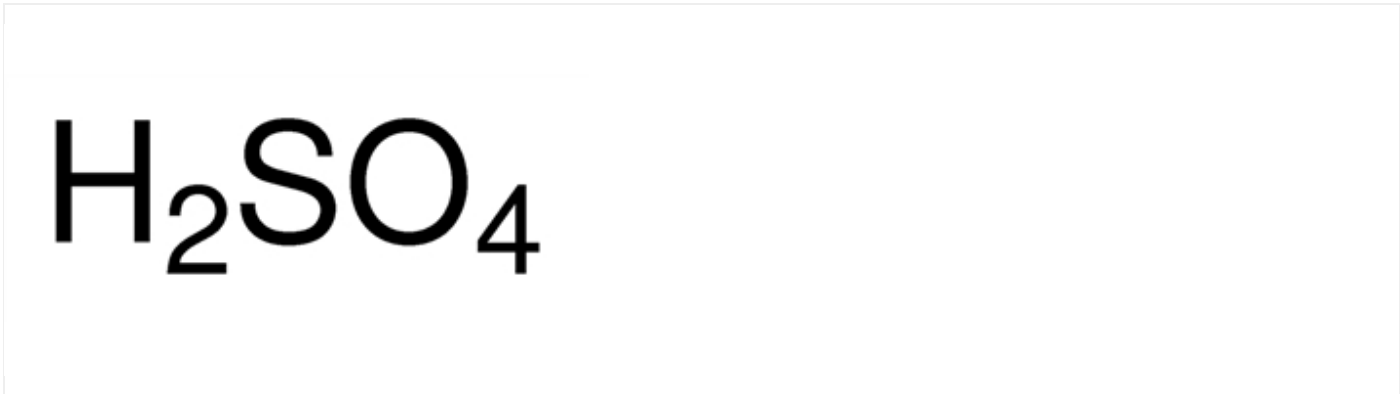
Appearance	Clear colorless solution
Normality	2N +/-0.1%

Symbol: GHS07	
Signal Word: Warning	
UN No.: 3264	
IMCO Class No.: 8	
Packing Group: III	
Hazardous Statement: H315-H319	
Precaution Statement: P305 + P351 + P338	

SULPHURIC ACID 2.5MOL/L (5N) SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	02610	Grade	
Purity		CAS No.	7664-93-9
Molecular Formula		Molecular Weight	0.00
H.S.Code	3822.00900	Shelf Life	36 Months



Physical Properties

Physical state at 20 °C	Liquid
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Packaging

Specification

Appearance	Clear colourless solution
Normality	5N +/-0.1%

Safety Information and Hazard Symbols

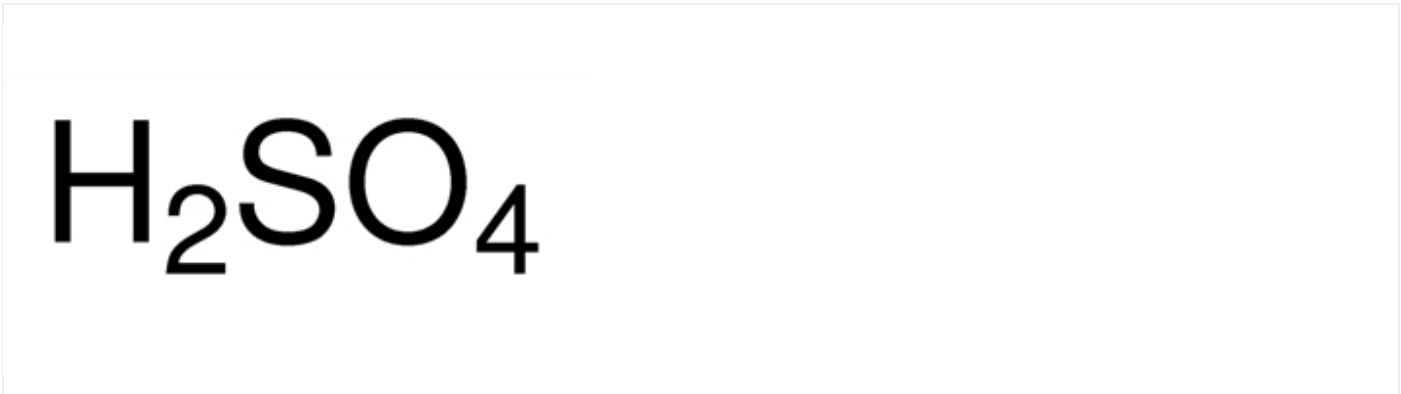


Symbol: GHS05
Signal Word: Warning
UN No.: 2796
IMCO Class No.: 8
Packing Group: II
Hazardous Statement: H315-H319
Precaution Statement: P305 + P351 + P338

SULPHURIC ACID 5MOL/L (10N) SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	02611	Grade	
Purity		CAS No.	7664-93-9
Molecular Formula		Molecular Weight	0.00
H.S.Code	3822.00900	Shelf Life	36 Months



Physical Properties

Physical state at 20 °C	Liquid
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Packaging

Specification

Appearance	Clear colorless solution
Normality	10 N +/-0.1%

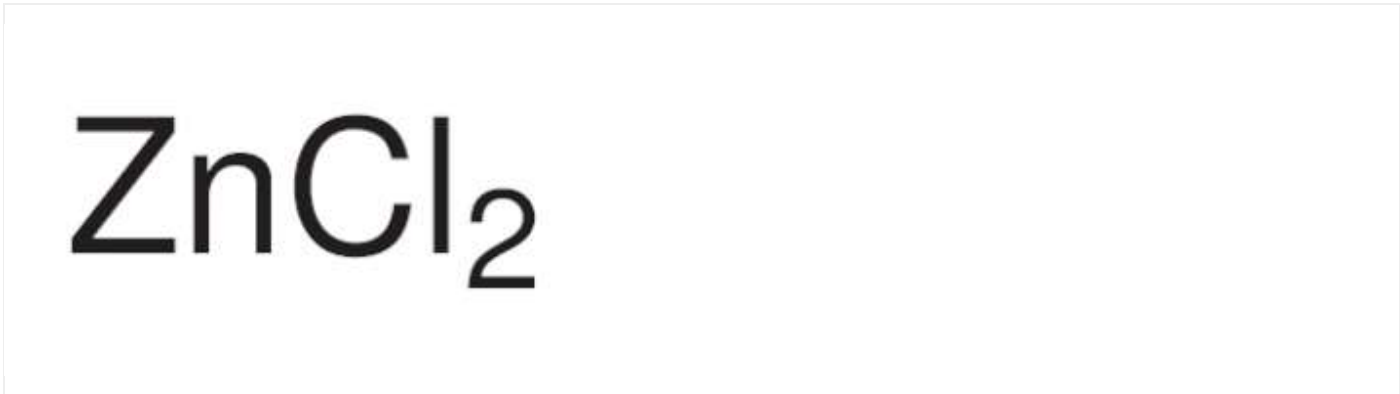
Safety Information and Hazard Symbols



Symbol: GHS05
Signal Word: Warning
UN No.: 2796
IMCO Class No.: 8
Packing Group: II
Hazardous Statement: H315-H319
Precaution Statement: P305 + P351 + P338

ZINC CHLORIDE 0.1M STANDARDIZED SOLUTION, LIQUID . D . 1.01
Expiry date: 12 months from the date of opening

Product Code.	02877	Grade	
Purity		CAS No.	7646-85-7
Molecular Formula	ZnCl2	Molecular Weight	136.30
H.S.Code	3822.00900	Shelf Life	36 Months



Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear Colorless
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Packaging

Specification

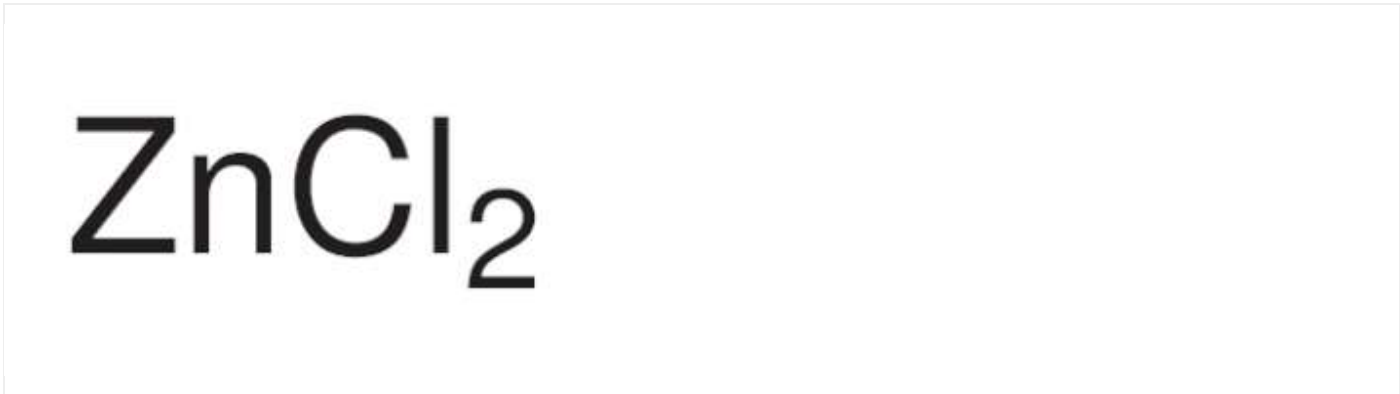
Appearance	Colorless solution
Molarity	0.1M +/-0.1%

Safety Information and Hazard Symbols

Symbol: GHS07, GHS09
Signal Word: Warning
UN No.: NA
IMCO Class No.: NA
Hazardous Statement: H315-H319-H411
Precaution Statement: P273-P305 + P351 + P338

ZINC CHLORIDE 0.5M
Expiry date: 12 months from the date of opening

Product Code.	02878	Grade	
Purity		CAS No.	7646-85-7
Molecular Formula	ZnCl2	Molecular Weight	136.30
H.S.Code	3822.00900	Shelf Life	36 Months



Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear Colorless
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Packaging

Specification

Appearance	Colorless solution
Molarity	0.5M +/- 0.1%

Safety Information and Hazard Symbols

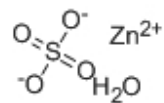


Symbol: GHS07, GHS09
Signal Word: Warning
UN No.: NA
IMCO Class No.: NA
Hazardous Statement: H315-H319-H411
Precaution Statement: P273-P305 + P351 + P338

ZINC SULPHATE 0.1 MOL/L VOLUMETRIC SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	02889	Grade	
Purity		CAS No.	7446-19-7
Molecular Formula		Molecular Weight	0.00
H.S.Code	3822.00900	Shelf Life	36 Months



Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear Colorless	Density [g/cm3]	1.005
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Packaging

Specification

Appearance	Colorless solution
Molarity	0.1M +/-0.1%

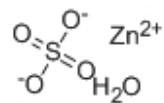
Safety Information and Hazard Symbols


Symbol: GHS07, GHS09 Signal Word: Warning UN No.: 3082 IMCO Class No.: 9 Packing Group: III Hazardous Statement: H319-H411 Precaution Statement: P273-P305 + P351 + P338

ZINC SULPHATE 0.05 MOL/L VOLUMETRIC SOLUTION

Expiry date: 12 months from the date of opening

Product Code.	02888	Grade	
Purity		CAS No.	7446-19-7
Molecular Formula	ZnCl2	Molecular Weight	136.30
H.S.Code	3822.00900	Shelf Life	36 Months



Physical Properties

Physical state at 20 °C	Liquid	Colour	Clear Colorless	Density [g/cm3]	1.005
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Packaging

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Specification

Appearance	Colorless solution
Molarity	0.05M +/-0.1%

Safety Information and Hazard Symbols

Symbol: GHS07 Signal Word: Warning UN No.: NA IMCO Class No.: NA Hazardous Statement: H319-H412 Precaution Statement: P273-P305 + P351 + P338

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