

КИСИ

Технические характеристики

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ANTIMONY PENTOXIDE 98% EXTRAPURE

Antimony(V) oxide , Antimonic oxide, Antimonic oxide

Product Code.	00291	Grade	
Purity	98%	CAS No.	1314-60-9
Molecular Formula	Sb ₂ O ₅	Molecular Weight	323.52
H.S.Code	2825.80000	Shelf Life	60 Months

Physical Properties

Physical state at 20 °C	Solid	Colour	Creamish yellow	Melting point/ Freezing point [°C]	380 °C
Density [g/cm ³]	3.78	Solubility in water [% weight]	Insoluble in water		

Packaging



Specification

Appearance	Creamish yellow powder
Assay	Min. 98.0%

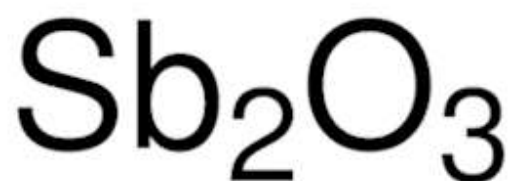
Safety Information and Hazard Symbols

Symbol: GHS07 Signal Word: Warning Hazardous Statement: H315-H319-H335 Precaution Statement: P261-P305 + P351 + P338

ANTIMONY TRIOXIDE 98.5% EXTRAPURE

ANTIMONY TRIOXIDE

Product Code.	00289	Grade	
Purity	98%	CAS No.	1309-64-4
Molecular Formula	Sb ₂ O ₃	Molecular Weight	291.52
H.S.Code	2825.80000	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Solid	Colour	White crystalline	Melting point/ Freezing point [°C]	655 °C
Boiling point [°C]	1425°C	Density [g/cm ³]	5.2	Solubility in water [% weight]	0.0287 g/l at 20 °C

Packaging



Specification

Appearance	White crystalline powder
Assay	Min 98%
Chloride (Cl)	Max 0.05%
Sulphate (SO ₄)	Max 0.05%
Arsenic (As)	Max 0.06%

Iron (Fe)	Max 0.005%
Lead (Pb)	Max 0.05%
Antimony oxide (Sb ₂ O ₅)	Max 1.5%

Safety Information and Hazard Symbols



Symbol: GHS08

Signal Word: Warning

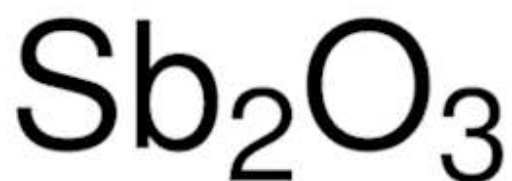
Hazardous Statement: H351

Precaution Statement: P281

ANTIMONY TRIOXIDE 99% AR

Antimony Trioxide

Product Code.	00290	Grade	AR
Purity	99%	CAS No.	1309-64-4
Molecular Formula	Sb ₂ O ₃	Molecular Weight	291.52
H.S.Code	2825.80000	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Solid	Colour	White crystalline	Melting point/ Freezing point [°C]	655 °C
Boiling point [°C]	1425°C	Density [g/cm ³]	5.2	Solubility in water [% weight]	0.0287 g/l at 20 °C

Packaging



Specification

Appearance	White crystalline powder
Assay	Min 99.0%
Substance insoluble in HCl	Max 0.01%
Substance soluble in water	Max 0.05%
Chloride (Cl)	Max 0.05%

Sulphate (SO ₄)	Max 0.01%
Arsenic (As)	Max 0.03%
Calcium (Ca)	Max 0.002%
Copper (Cu)	Max 0.002%
Iron (Fe)	Max 0.003%
Potassium (K)	Max 0.002%
Sodium (Na)	Max 0.002%
Lead (Pb)	Max 0.025%

Safety Information and Hazard Symbols



Symbol: GHS08

Signal Word: Warning

Hazardous Statement: H351

Precaution Statement: P281

ARSENIC TRIOXIDE 98% EXTRAPURE

Arsenic(III) oxide, Arsenous acid, Diarsenic trioxide; Arsenic Trioxide

Product Code.	00305	Grade	
Purity	98%	CAS No.	1327-53-3
Molecular Formula	As ₂ O ₃	Molecular Weight	197.84
H.S.Code	2811.29200	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Solid	Colour	White powder	Odour	Odorless
Melting point/ Freezing point [°C]	312.3 °C	Boiling point [°C]	457.2 °C	Density [g/cm ³]	3.74
Solubility in water [% weight]	3.7 g/100 ml water @ 20C				

Packaging



Specification

Appearance	Off-White Powder.
Assay (iodometric)	Min 98%
Residue on ignition	Max 0.1%
Iron (Fe)	Max 0.01%

Safety Information and Hazard Symbols



Symbol: GHS05, GHS06, GHS08, GHS09

Signal Word: Danger

UN No.: 1561

IMCO Class No.: 6.1

Packing Group: II

Hazardous Statement: H300-H314-H350-H410

Precaution Statement: P201-P264-P273-P280-P305 + P351 + P338-P310

BISMUTH OXIDE 99% EXTRAPURE

Bismuth (III) Oxide; Dibismuth trioxide

Product Code.	00431	Grade	
Purity	99%	CAS No.	1304-76-3
Molecular Formula	Bi ₂ O ₃	Molecular Weight	465.96
H.S.Code	2825.90900	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	Solid	Colour	Yellow powder	Odour	Odorless
Melting point/ Freezing point [°C]	825 °C	Boiling point [°C]	1890°C	Density [g/cm ³]	8.9
Solubility in water [% weight]	Insoluble in water				

Packaging



Specification

Appearance	Yellow colored powder
Assay (ex Bi)	Min 99%
Insoluble matter in HCl	Max 0.05%
Loss on ignition	Max 1.0%

Copper (Cu)	Max 0.005%
Iron (Fe)	Max 0.05%
Nickel (Ni)	Max 0.01%
Lead (Pb)	Max 0.005%

Safety Information and Hazard Symbols

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CADMIUM OXIDE 99.5% EXTRAPURE

Product Code.	00608	Grade	
Purity	99%	CAS No.	1306-19-0
Molecular Formula	CdO	Molecular Weight	128.41
H.S.Code	2825.90200	Shelf Life	60 Months

Physical Properties

Physical state at 20 °C	Solid	Colour	Dark brown	Odour	Odorless
Melting point/ Freezing point [°C]	950°C	Boiling point [°C]	1559°C	Density [g/cm3]	8.15
Solubility in water [% weight]	Insoluble in water				


Packaging



Specification

Appearance	Dark brown crystalline powder
Assay (Complexometric)	Min 99%
Sodium (Na)	Max 0.01%
Potassium (K)	Max 0.002%
Iron (Fe)	Max 0.005%

Safety Information and Hazard Symbols


Symbol: GHS06, GHS08, GHS09 Signal Word: Danger UN No.: 2570 IMCO Class No.: 6.1 Packing Group: III Hazardous Statement: H330-H341-H350-H361fd-H372-H410 Precaution Statement: P201-P260-P273-P281-P284-P310

DI-BORON TRIOXIDE ANHYDROUS 98% EXTRAPURE

Boric oxide

Product Code.	00465	Grade	Extrapure
Purity	98%	CAS No.	1303-86-2
Molecular Formula	B2O3	Molecular Weight	69.62
H.S.Code	2810.00100	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	solid	Colour	White crystalline	Odour	Odorless
Melting point/ Freezing point [°C]	450 °C	Density [g/cm3]	2.404	Solubility in water [% weight]	Moderate (1-10%)

Packaging



Specification

Appearance	Colorless or White Powder or Crystals
Assay	Min 98%
Non esterifiable impurities	Max 0.05%
Chloride (Cl)	Max 0.05%

Calcium (Ca)	Max 0.002%
Heavy metal (as Pb)	Max 0.002%
Iron (Fe)	Max 0.0005%
Magnesium (Mg)	Max 0.0005%
Potassium (K)	Max 0.003%
Sodium (Na)	Max 0.003%

Safety Information and Hazard Symbols



Symbol: GHS08

Signal Word: Danger

Hazardous Statement: H360FD

Precaution Statement: P201-P308 + P313

DI-BORON TRIOXIDE ANHYDROUS 99% AR

Boric oxide

Product Code.	00466	Grade	AR
Purity	99%	CAS No.	1303-86-2
Molecular Formula	B2O3	Molecular Weight	69.62
H.S.Code	2810.00100	Shelf Life	60 Months



Physical Properties

Physical state at 20 °C	solid	Colour	White crystalline	Odour	Odorless
Melting point/ Freezing point [°C]	450 °C	Density [g/cm3]	2.404	Solubility in water [% weight]	Moderate (1-10%)

Packaging



Specification

Appearance	Colorless or White Powder or Crystals
Assay	Min 99%
Heavy metal (as Pb)	Max 0.002%
Chloride (Cl)	Max 0.005%

Iron (Fe)	Max 0.00005%
Calcium (Ca)	Max 0.002%
Sodium (Na)	Max 0.003%
Potassium (K)	Max 0.003%

Safety Information and Hazard Symbols



Symbol: GHS08

Signal Word: Danger

Hazardous Statement: H360FD

Precaution Statement: P201-P308 + P313

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