

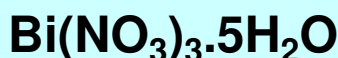


SDFCL
s d fine-CHEM limited
Quality Control Dept.



Product Specification

E Control	QC2\DATAD\D:\PS\20057XPS.xls
PRODUCT CODE	20057
PRODUCT NAME	BISMUTH NITRATE AR
SYNONYMS	--
C.I. NO.	--
CASR NO.	(10035-06-0)
ATOMIC OR MOLECULAR FORMULA	Bi(NO ₃) ₃ .5H ₂ O
ATOMIC OR MOLECULAR WEIGHT	485.07
PROPERTIES	Soluble in dilute nitric acid, alcohol, acetone ; slowly decomposed by water to the subnitrate.



PARAMETER	LIMIT
Description	Colourless deliquescent crystals with an odour of Nitric acid.
Solubility	10% solution in mixture of dilute nitric acid and water is clear and colourless.
Minimum Assay (Complexometric)	98.5%
MAXIMUM LIMIT OF IMPURITIES	
Insoluble matter	0.003%
Ammonium (NH ₄)	0.0025%
Arsenic (As)	0.0001%
Chloride (Cl)	0.001%
Sulphate (SO ₄)	0.02%
Calcium (Ca)	0.005%
Copper (Cu)	0.001%
Iron (Fe)	0.001%
Lead (Pb)	0.005%
Magnesium (Mg)	0.001%

Note(s) : Assay (if applicable) method mentioned.

DANGER

Hazard statements: May cause respiratory irritation. May intensify fire;oxidizer. May be harmful if swallowed. Causes mild skin irritation. Causes serious eye irritation.

Precautionary statements

Prevention: Wash hands thoroughly after handling. Take any precaution to avoid mixing with combustible or incompatible materials. Keep away from heat.

Response: If skin irritation occurs, seek medical advice/attention. Wear eye/face protection. If eye irritation persists, get medical advice/attention. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

IMDG Code : 5.1/II
UN No. : 1477
IATA : 5.1

Disposal: The quantities greater than 10g should be dissolved in dilute acid and transferred to heavy metal waste drum for collection by specialist disposal company.

Hazard Pictogram(s) :



Skin irritation



Oxidising

Prepared By :	Checked By:	Approved By:	Issue Date : 01.07.2002
Name/Dept. : Officer (Q.A.)	Name/Dept.:Incharge(Q.A.)	Name/Dept. : Incharge (Tech.)	Revision No. : 03
Sign. :	Sign. :	Sign. :	Revision dt. : 17.05.2011
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