



BISMUTH NITRATE PENTAHYDRATE AR/ACS

PRODUCT CODE	465020	
SYNONYMS	--	
C.I. NO.	--	
CASR NO.	10035-06-0	
ATOMIC OR MOLECULAR FORMULA	Bi(NO ₃) ₃ .5H ₂ O	Bi(NO₃)₃.5H₂O
ATOMIC OR MOLECULAR WEIGHT	485.07	
PROPERTIES	Soluble in dilute nitric acid, alcohol, acetone ; slowly decomposed by water to the sub nitrate.	
PARAMETER	LIMIT	
Description	Colourless deliquescent crystals with an odour of Nitric acid.	
Solubility	10% solution in water in a 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. 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.	IMDG Code : 5.1/II 4UN No. : 1477 IATA : 5.1	
Hazard Pictogram(s) :-		
 		
<p>GHS03 GHS07</p>		