



American International Chemical, Inc.

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SPECIFICATION SHEET

BISMUTH NITRATE PENTAHYDRATE ACS

Code No.	SCN No.	CAS No.	Effective Date	Written	Rev. No.	Approved
BNPOSC	2605	10361-44-1	February 5, 2002	TJK	Original	MPR

CHARACTERISTICS:	Clear, colorless, hygroscopic crystals with an acid taste
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SPECIFICATIONS:	Assay $\text{Bi}(\text{NO}_3)_3 \cdot 5 \text{H}_2\text{O}$	98.0% min.
	Insoluble matter	50 ppm max.
	Chloride	10 ppm max.
	Sulfate	50 ppm max.
	Arsenic	10 ppm max.
	Silver	10 ppm max.
	Iron	10 ppm max.
	Lead	20 ppm max.
	Copper	20 ppm max.
	Substances not precipitated by H_2S	0.1% max.

STOCKING POINTS:	Not stocked. Shipped or order.
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PACKAGING:	50 kg fiber drums with PE liner
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HAZARD IDENTIFICATION:	Oxidizer, UN # 1477, Packing Group III
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APPLICATIONS:	Preparation of other Bismuth Salts.
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