



# American International Chemical, Inc.

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## SPECIFICATION SHEET

### BISMUTH TRIOXIDE (BISMUTH OXIDE)

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
BTOFMP	4224	1304-76-3	April 20, 2010	NSG	No. 1	TJK

<b>CHARACTERISTICS:</b>	Heavy yellow powder; insoluble in water, soluble in 2M hydrochloric acid.
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<b>SPECIFICATIONS:</b>	Assay	99.8% min
	Loss on drying	0.2% max
	Nitrate	0.2%max
	Chloride	10 ppm max
	Sulfur compounds	20 ppm max
	Copper	1 ppm max
	Iron	12 ppm max
	Lead	5 ppm max
	Arsenic	1 ppm max
	Particle size	9 microns max

<b>PACKAGING:</b>	25 kg fiber drum
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<b>APPLICATIONS:</b>	Ceramic and porcelain colors, radiopaque additive to plastics. As a substitute to lead oxide in ceramics, glosses and resins.
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