GFS CHEMICALS, INC.
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MATERIAL SAFETY DATA SHEET

BARIUM IODATE

CHEMICAL NAME & SYNONYMS	DOT CLASS	SARA TITLE 313
Barium Iodate	5.1/II	Yes Barium cmpds
	TSCA listed - Yes	

FORMULA	REPORTABLE QUANTITY	F.W.	CAS#
$Ba(IO_3)_2 \cdot H_2O$	N/A	505.15	7787-34-0 (hyd.) 10567-69-8 (anh)

PHYSICAL DATA
Density 5.0; Slightly soluble in water.

APPEARANCE & ODOR
White crystalline powder. Slight odor characteristic of iodates.

REACTIVITY & CONDITIONS TO AVOID
Stable. Oxidizing material. Avoid ingestion or inhalation of dust. Incompatible with reducing agents or combustible material.

FIRE HAZARDS
May cause reaction with certain strong reducing materials. Decomposition in general fire yields oxides of barium and iodine vapor. Firefighters use SCBA and avoid fumes. NFPA # 2-0-1.

EXTINGUISHER	FLASHPOINT	LEL	UEL
Use water spray.	N/A	N/A	N/A

HEALTH HAZARDS
May be irritating to skin, eyes and mucous membranes. Harmful if swallowed or inhaled. Symptoms: Abdominal pain, vomiting, rapid pulse and paralysis. Chronic exposures lead to irritation of throat, eyes and dermatitis. LD/TD no data. OSHA PEL/ACGIH TLV: TWA 0.5 mg (Ba)/m^3. No evidence of carcinogenicity.

SPECIAL PRECAUTIONS
Wear goggles. Handle with rubber gloves. Use good ventilation or suitable respirator if dust is raised.

FIRST AID
Wash with water after contact. For eyes, get medical attention if irritation persists after water wash. If swallowed, give water containing Epsom salt (Magnesium sulfate) and get medical attention. Do not induce vomiting unless directed by a physician.

SPILLS & LEAKS
Sweep up and wash area with plenty of water. Disposal to hazardous waste (barium containing waste).

CATALOG #	PREPARED BY	DATE
5	MDM	October 4, 2006