



material safety data sheet

(in compliance with 29 CFR 1910.1200)

identity: STANDARD ONE® BARIUM SULFATE BF1, B2, B3, B7

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section 1 – Preparation / Product Information

manufactured for and supplied by:

Harwick Standard Distribution Corporation
60 South Seiberling Street
P.O. Box 9360
Akron, OH 44305-0360

telephone no: (330) 798-9300

date prepared: April 29, 2004

preparer: Health, Safety & Environment

product use: Filler

section 2 – Ingredients / Identity Information

components chemical identity/cas#	exposure limits			Toxicity LD50/LC50	amount %
	PEL	TLV	OTHER		
Barium Sulfate	*5mg/m ³	10mg/m ³			60-100

CAS #7727-43-7

section 3 – Physical / Chemical Characteristics

boiling point:	Not Determined	specific gravity:	4.2 +
freezing point:	Not Determined	pH:	Not Determined
vapor pressure (mm Hg):	Not Determined	odor threshold (ppm):	Not Determined
vapor density (AIR=1):	Not Determined	coef. water/oil dist.:	Not Determined
solubility in water	Insoluble	evaporation rate:	Not Determined
appearance (physical state) and odor:		Solid powder; White Odor; None	

section 4 – Fire and Explosion Hazard Data

flash point (method): Not Applicable

extinguishing media: Not Applicable

special fire fighting procedures: None known

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unusual fire and explosion hazards: None known

hmis rating: 0

hazardous combustion products: Not Applicable

section 5 – Reactivity Data

stability
stable:
unstable:

conditions to avoid (cond. of reactivity): None Known

incompatibility (materials to avoid): None Known

hazardous decomposition or byproducts: None Known

hazardous polymerization
may occur:
will not occur:

conditions to avoid: None known

hmis rating: 0

section 6 – Health Hazard Data

primary routes of exposure

inhalation **skin contact** **eye contact**
skin absorption **ingestion**

health hazards

acute: Treat as a nuisance dust, product may irritate the eyes, skin, and respiratory system. May cause temporary irritation of the throat, stomach, and gastrointestinal tract.

chronic: Long-term exposure to some barium compounds (especially in-organic species) may produce a condition know as baritosis, a form of benign pneumoconiosis.

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carcinogenicity

NTP

IARC

OSHA

signs and symptoms of exposure: See Health Hazards above.

medical conditions generally aggravated by exposure: Pre-existing respiratory, skin and eye disease.

hmis rating: 1

section 7 – First Aid Measures

emergency and first aid procedures

inhalation: Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Consult a physician.

ingestion: Product is not considered toxic in small amounts. Consult a physician.

skin contact: Wash with soap and water. If irritation develops, consult a physician.

eye contact: Flush with water for 15 minutes. If irritation develops, consult a physician.

section 8 – Precautions for Safe Handling and Use

steps to be taken in case material is released or spilled:

Contain the discharged material. Provide adequate ventilation. Use vacuum equipment with HEPA filters or wet sweeping/dust suppressant if sweeping is required.

waste disposal method:

In accordance with federal, state, and local regulations. Refer to Section 10.

precautions to be taken in handling and storing:

Store in a cool, dry, well-ventilated area.

other precautions:

None known

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section 9 – Control Measures

respiratory protection (specify type): A NIOSH/MSHA approved respirator above PEL or TLV or as necessary.

ventilation

local exhaust: Recommended to minimize exposure.
mechanical (general): Recommended to minimize exposure.

protective gloves: Impervious

eye protection: Safety glasses or goggles

other protective clothing or equipment: Eyewash station

work/hygienic practices: Wash thoroughly before eating or smoking.

section 10 – Additional Information

special shipping information: Not DOT Regulated.

TSCA Inventory Status:
Chemical components are listed on the TSCA inventory.

sara title III

This product contains the following toxic chemical(s) subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372:

None known

RCRA status

The following chemical components are listed under (40 CFR 261):

None known

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