

MATERIAL SAFETY
DATA SHEET

M & T HARSHAW
P. O. BOX 6768
SOMERSET, NJ 08875-6768

EMERGENCY TELEPHONE
NUMBER
8:30 A.M. - 5:00 P.M.
(908) 302-3550

CHEMTREC - 24 HOURS
1-800-424-9300

NAME USED ON LABEL: Barium Carbonate
CHEMICAL NAME (if single substance): Barium Carbonate
CHEMICAL FAMILY: Barium Compound
FORMULA: BaCO3

INGREDIENTS

Identity	CAS No.	%	TLV
Barium Carbonate	513-77-9	>98	0.5 Mg/M3 as Ba

Handwritten vertical text on the right margin, possibly a date or initials.

PHYSICAL DATA

Boiling Point: 1492F
Specific Gravity: 4.29
Vapor Density: N/A
% Volatiles: N/A
Molecular Weight: 197.32
Appearance and Odor: White powder.

Freezing Point: N/A
Vapor Pressure @ 20 C: N/A
Solubility in Water: Insoluble
Evaporation Rate: N/A
Other: N/A

FIRE AND EXPLOSION DATA

Flash Point (Test Method): N/A
Autoignition Temperature: N/A
Flammable Limits: LEL= UEL=
Extinguishing Media: Water spray, foam, carbon dioxide, and dry chemical.
Special Fire Fighting Procedures: Avoid eye and skin contact and particle inhalation.

Unusual Fire and Explosion Hazards: N/A

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ENVIRONMENTAL INFORMATION

Spill Response: May be hazardous to aquatic life if released to open waters. Carefully sweep up material and place in a suitable container for disposal. Avoid creating a dusty atmosphere.

Recommended Disposal: Dispose of material as solid waste in a closed container.

EPA Haz. Waste Designation (for virgin product):
Other:

HEALTH HAZARD DATA

Eye Contact: May cause irritation.

Skin Contact: May cause irritation.

Inhalation: May cause irritation to the respiratory tract.

Chronic Toxicity: N/A

Suggested First Aid:

EYES: In case of contact, immediately flush eyes with flowing water for at least 15 minutes. Get medical attention.

SKIN: Flush with flowing water for 15 minutes, then wash area with mild soap and water. Call a physician.

INHALATION: Move exposed individual to fresh air. Call a physician.

INGESTION: Never give fluids or induce vomiting if patient is unconscious or having convulsions.

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REACTIVITY DATA

Stability: Stable
Conditions To Avoid: Will react vigorously with strong acids.

Incompatibility (Materials to Avoid): Acids.

Hazardous Polymerization: Will not occur.
Conditions To Avoid: N/A

Hazardous Decomposition Products: N/A

SPECIAL PROTECTION INFORMATION

Ventilation: Local Exhaust is recommended.
Mechanical (general) is required.
Respiratory Protection: Use NIOSH approved dust and mist respirator
if ventilation is inadequate.

Eye and Face Protection: Chemical safety goggles. Do not wear
contact lenses.

Other Clothing and Equipment: Rubber gloves. An eyewash and
emergency shower should be readily available. Launder contaminated
clothing before reuse.

SPECIAL PRECAUTIONS

Precautionary Label Information: WARNING! (Acid Soluble Salt Of
Barium) HARMFUL OR FATAL IF SWALLOWED. HARMFUL IF INHALED. Do not
breathe dust, use NIOSH approved dust mask. Avoid contact with
eyes, skin, and clothing. Wash thoroughly after handling and before
eating. Do not contaminate foods. FIRST AID: If swallowed, give 1
tablespoon epsom salt(magnesium sulfate) dissolved in a glass of
water. Induce vomiting. In case of contact, immediately flush with
plenty of water for at least 15 minutes; for eyes, get medical
attention. Launder contaminated clothing before reuse.
Storage and Handling: Normal warehouse handling and storage.

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TRANSPORTATION

Department of Transportation (DOT)
DOT Proper Shipping Name: N/A
DOT Hazard Class: N/A
DOT Label: N/A
DOT ID #: N/A

MISCELLANEOUS

REVISION(S)

1. Updated entire MSDS using spell mode.

Prepared by Safety & Environmental Affairs Issued: 04/07/89
Supersedes: 04/15/86

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ADDITIONAL INFORMATION

CLASSIFICATIONS

RATINGS

SARA TITLE III	HMIS	Flamm: 0	NFPA	Flamm: 0
Acute: Y		React: 0		React: 0
Chron: Y		Health: 1		Health: 1
Press: N		PPE: E		
React: N				
Fire: N				

Components of this product which appear in the ingredients section of this MSDS are identified below if they are present in excess of de minimus reporting levels. Components which are not required to be identified by specific chemical name may have a generic description.

SARA Title III Section 302 Extremely Hazardous Substance(s):
None

SARA Title III Section 313 Toxic Chemicals:
Inorganic Barium Compound

STATE RIGHT-TO-KNOW

Components of this product which are specifically identified in the ingredients section of this MSDS may be listed on the following:

1. Pennsylvania Hazardous Substance List - Inorganic Barium Compound
2. Massachusetts Hazardous Substance List - None
3. California Proposition 65 - None