

GFS CHEMICALS, INC.

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1-800-424-9300(Chemtrec 24Hr. Info.)

MATERIAL SAFETY DATA SHEET

7

BARIUM PERCHLORATE, ANHYDROUS

CHEMICAL NAME & SYNONYMS

Barium Perchlorate, Anhydrous

DOT CLASS

5.1/6.1/II

SARA TITLE 313

Yes-Ba Cmpds

TSCA listed - Yes

FORMULA

Ba(ClO₄)₂

REPORTABLE QUANTITY

N/A

F.W.

336.23

CAS#

13465-95-7

PHYSICAL DATA

Dehydrating agent; Soluble in water with generation of heat.

APPEARANCE & ODOR

White granules and powder. Odorless.

REACTIVITY & CONDITIONS TO AVOID

Stable. Strong dehydrating agent. Potentially strong oxidant (over 150°C). Do not heat with organic matter, flammables or combustibles. Avoid contact with strong acids.

FIRE HAZARDS

May cause fire or explosion with organic matter. Fumes may contain chlorine or chlorinated compounds. Firefighters wear SCBA. NFPA # 2-1-1.

EXTINGUISHER

Water Spray.

FLASHPOINT

N/A

LEL

N/A

UEL

N/A

HEALTH HAZARDS

Irritating to skin, eyes and mucous membranes. Harmful if swallowed or inhaled. Symptoms of poisoning: Acute-abdominal pain, vomiting, rapid pulse and paralysis. Chronic-irritation of skin, eyes and throat. OSHA PEL/ACGIH TLV: TWA 0.5 mg (Ba)/m³. No evidence of carcinogenicity.

SPECIAL PRECAUTIONS

Wear goggles and rubber gloves while handling. Use good ventilation or suitable respirator if dust is raised. Store in well sealed container away from flammables, combustibles and organic matter.

FIRST AID

Wash skin and eyes thoroughly with water. If irritation persists, get medical attention. If swallowed, give water or milk to drink and get medical attention.

SPILLS & LEAKS

Contain spill to prevent entrance to drain. Take up with water and inorganic absorbent. Disposal to hazardous waste. Check local regulations for sewer limitations prior to disposal.

CATALOG #

7

PREPARED BY

MDM

DATE

October 4, 2006