MSDS for Barium Oxalate, Current as of 7/1/2006 :: Barium & Chemical

EINECS PERCENT CAS NO:

2.) INFORMATION ON INGREDIENTS

3.) HAZARDS IDENTIFICATION

4.) FIRST AID MEASURES

5.) FIRE FIGHTING MEASURES

24-hour Emergency Phone Number: Chemtrec 800-424-9300
CHEMTREC INTERNATIONAL: 703-527-3887

Barium Oxalate BaC₂O₄

No information found.

Barium & Chemicals, Inc.
PO Box 218
515 Kingsdale Road
Steubenville, Ohio 43952-5218

Phone: 740-282-9776
Fax: 740-282-9161
Web: www.bariumchemicals.com

Warning! Get medical attention immediately if ingested. Renal damage can result.

Minor irritation may be the result of inhalation, skin contact, or eye contact. Redness may also occur upon skin contact. Ingestion may cause severe gastroenteritis with vomiting and diarrhea. Renal damage can result from ingestion.

Move to fresh air. If breathing becomes troublesome, get medical attention.

Wash with soap and water. Get medical attention if redness and irritation persists.

Flush with large amounts of water to remove all trace of chemical from eyes (at least 15-20 minutes). Get medical attention.

Get medical attention immediately.

Water, water spray, or foam.

Move containers from fire if it can be done without risk.

Not applicable.

Reacts with strong acids to form oxalic acid. Runoff water may be corrosive and toxic.

Avoid contact and dike area for later disposal. Prevent runoff from entering natural waterways.
6.) ACCIDENTAL RELEASE MEASURES

Personal Precaution in Spill: Avoid contact with material. Wear personal protective equipment as outlined in Section 8.

Environment: Dike ahead of large spill to prevent material from entering natural waterways. Restrict access to spill area.

Spill Clean Up: Sweep up carefully to remove as much uncontaminated material as possible. Contaminated material is considered a toxic waste and must be disposed of in a licensed toxic waste dump.

7.) HANDLING/STORAGE

Usage Precautions:
Usage Descriptions:
Storage Precautions:
Handling Precautions: Store away from strong acids. Wash hands before eating or smoking. No eating or smoking in work area.

8.) EXPOSURE CONTROLS / PERSONAL PROTECTION

Protective Equipment: Use adequate ventilation to meet exposure limits. Where exposure limits may be exceeded, use OSHA approved respirator.

Process Conditions: Threshold Limit Value: TWA air (Barium compounds) 500 mg/m3

Respirators: Use OSHA approved respirator.

Protective Gloves: Wear general purpose gloves.

Eye Protection: Wear chemical safety goggles.

Other Protection: Wear full cover protective clothing.

Hygienic Work Practices: No smoking or eating in work area.

9.) PHYSICAL / CHEMICAL PROPERTIES

Appearance: powder
Odor/Taste: odorless
Solubility: soluble in water
Melting Point: No information found.
Decomp Temp: No information found.
Flash Point: No information found.

10.) STABILITY / REACTIVITY

Stability: Stable.
Hazardous Decomp Products: Reacts with strong acids to form Oxalic acid.
Conditions to Avoid: Contact with strong acids.

11.) TOXICOLOGICAL INFORMATION

Toxic Dose LD 50: No information found.

Toxicological Info: Severe irritation if ingested - severe gastroenteritis with vomiting and diarrhea. Renal damage can result.

Inhalation: No information found.

Skin: No information found.

Eyes: No information found.

Medical Symptoms: No information found.
12.) ECOLOGICAL INFORMATION
Toxicity: No information found.
Distribution: No information found.
Chemical Fate: No information found.

13.) DISPOSAL CONSIDERATIONS
Disposal Methods: Contaminated residue and sweepings are considered toxic waste and must be disposed of in a licensed toxic waste dump. If quantities are large enough to be significant, contact manufacturer for proper treatment.

14.) TRANSPORTATION INFORMATION

DOT - GROUND TRANSPORTATION:
Proper Shipping Name: TOXIC SOLID ORGANIC, NOS (Barium Oxalate)
Hazard Class: 6.1
UN. NO#: UN2811
Packing Group #: 6.1 / III

IATA/IMDG REGULATIONS:
Proper Shipping Name: TOXIC SOLID ORGANIC, NOS (Barium Oxalate)
Hazard Class: 6.1
UN. NO#: UN2811
Packing Group #: 6.1 / III
IMDG EMS: f-A, s-A

Shipping Options for this product include:

Transportation Notes: NMFC 45465-1 -- CLASS

77.5 HST 2917.11.00.00

15.) REGULATORY INFORMATION

Chemical Inventory Status Part 1

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Federal, State, International Regulations - Part 1

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Additional Items

Chemical Weapons Convention: Acute: TSCA 12 CDTA: SARA Reactivity: Chronic:
16.) INFORMATION SOURCES

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