

## **BARIUM CHLORIDE**

### **MSDS Number**

BDLYF

### **National Stock Number**

6810-00-237-2922

### **Product Name**

BARIUM CHLORIDE

### **Manufacturer**

CHEMICAL COMMODITIES AGENCY INC

### **Product Identification**

Product ID: BARIUM CHLORIDE

MSDS Date: 09/01/1983

FSC: 6810

NIIN: 00-237-2922

MSDS Number: BDLYF

### **Responsible Party**

CHEMICAL COMMODITIES AGENCY, INC

27447 PACIFIC STREET

HIGHLAND, CA 92346-2699

US

Emergency Phone: 714-864-2310

Info Phone: 714-864-2310

Cage: 60777

### **Contractor**

CHEMICAL COMMODITIES AGENCY, INC.

HIGHLAND, CA 92346-2640

US

909-864-2310

Cage: 60777

### **Ingredients**

BARIUM CHLORIDE DIHYDRATE

CAS: 10326-27-9

RTECS: CQ8751000

Fraction By Weight: 100%

OSHA PEL 0.5 MG/M3 (BA)

ACGIH TLV: 0.5 MG/M3 (BA); 8990

### **Hazards**

LD50 LC50 Mixture: ORAL-RAT LD50: 118 MG/KG

Routes of Entry: Inhalation: YES Skin: YES Ingestion: YES

Reports of Carcinogenicity: NTP: NO IARC: NO OSHA: NO

Health Hazards Acute and Chronic: SERIOUS BURNS AFTER PROLONGED CONTACT.

POSSIBLY FATAL BY INGESTION. DUST IS RESPIRATORY TRACT IRRITANT.

Explanation of Carcinogenicity: NOT LISTED

Effects of Overexposure: IRRITATION TO EYES, SKIN AND RESPIRATORY TRACT.

POSSIBLE BURNS AFTER PROLONGED CONTACT.

Medical Cond Aggravated by Exposure: PULMONARY DISORDERS.

---

## First Aid

First Aid:SKIN:WASH WITH SOAP AND WATER; GET MEDICAL ASSISTANCE. EYES: FLUSH THOROUGHLY WITH WATER; GET MEDICAL ASSISTANCE. INHALATION:REMOVE TO FRESH AIR; GET MEDICAL ASSISTANCE. INGESTION: DRINK 1 OR 2 GLASSES OF WATER AND INDUCE VOMITING IF CONSCIOUS; GET MEDICAL ATTENTION.

## Fire Fighting

Flash Point:NONE  
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS  
Unusual Fire/Explosion Hazard:NONE

## Accidental Release

Spill Release Procedures:SWEEP UP & CONTAINERIZE FOR DISPOSAL.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions:KEEP CONTAINER TIGHTLY CLOSED. STORE AT NORMAL AMBIENT TEMP. WASH THOROUGHLY AFTER HANDLING.  
Other Precautions:PHYSICIAN SHOULD KNOW THAT IN ACUTE BARIUM POISONING A RAPID DECREASE IN SERUM-POTASSIUM LEVEL IS EXPERIENCED.

## Exposure Controls

Respiratory Protection:NIOSH APPROVED DUST RESPIRATOR.  
Ventilation:GENERAL MECHANICAL AND LOCAL EXHAUST VENTILATION RECOMMENDED.  
Protective Gloves:RUBBER.  
Eye Protection:SAFETY GOGGLES  
Other Protective Equipment:LONG SLEEVED WORK CLOTHING.  
Work Hygienic Practices:WASH THOROUGHLY AFTER USE AND BEFORE EATING OR SMOKING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.  
Supplemental Safety and Health  
NONE

## Chemical Properties

HCC:T4  
Boiling Pt:B.P. Text:2840F,1560C  
Melt/Freeze Pt:M.P/F.P Text:1765F,963C  
Spec Gravity:3.86  
Solubility in Water:APPRECIABLE  
Appearance and Odor:WHITE CRYSTALS, GRANULES OR POWDER. ODORLESS.  
Percent Volatiles by Volume:0

## Stability

Stability Indicator/Materials to Avoid:YES  
BROMINE TRIFLUORIDE, 2-FURAN PERCARBOXYLIC ACID.  
Stability Condition to Avoid:AVOID DUSTING (DISPERSION OF FINE PARTICLES INTO AIR)  
Hazardous Decomposition Products:BARIUM OXIDE,HCL.

## Disposal

Waste Disposal Methods:DISPOSE IN ACCORDANCE WITH ALL CURRENT LOCAL,STATE AND FEDERAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.