

MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-122/12230-71-6.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
12230-71-6
Code:
M

RTECS:

Code:
X

Name:
BARIUM HYDROXIDE OCTAHYDRATE (SARA III) 1

Other REC Limits:
NONE RECOMMENDED

OSHA PEL:
0.5 MG/M3 (BA)
Code:
M

OSHA STEL:
N/P

Code:

ACGIH TLV:
0.5 MG/M3 (BA) 9394
Code:
M

ACGIHSTEL:
N/P

Code:

Control Measures

Respiratory Protection:
USE NIOSH/MSHA-APPROVED RESPIRATOR.

Ventilation:
USE ONLY IN A CHEMICAL FUME HOOD.

Protective Gloves:
HEAVY RUBBER GLOVES

Eye Protection:
WEAR CHEMICAL SAFETY GOGGLES.

Other Protective Equipment:
Equipment RUBBER BOOTS.SAFETY SHOWER AND EYE BATH.

Work Hygienic Practices:
WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health:
NONE 3

Health Hazards Data

LD50LC50Mixture:
NOT PROVIDED.

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
N/P

IARC:
N/P

OSHA:
N/P

Health Hazards Acute And Chronic:
TARGET ORGANS: HEART, NERVES, KIDNEYS, G.I. SYSTEM, BONE MARROW, SPLEEN, LIVER. ACUTE EFFECTS: HIGHLY TOXIC AND CORROSIVE. MAY BE FATAL IF INHALED, SWALLOWED, OR ABSORBED THROUGH SKIN. MATERIAL IS EXT REMELY DESTRUCTIVE TO TISSUE OF THE MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT, EYES AND SKIN. INHALATION MAY BE FATAL AS A RESULT OF SPASM, INFLAMMATION AND EDEMA OF THE LARYNEX AND BRONCHI, CHEMIC AL PNEUMONITIS AND PULMONARY EDEMA. SYMPTOMS OF EXPOSURE MAY INCLUDE BURNING SENSATION, COU

Explanation Of Carcinogenicity:
NOT PROVIDED.

Signs And Symptoms Of Overexposure:
NOT PROVIDED.

Medical Cond Aggravated By Exposure:
NOT PROVIDED.

First Aid:
IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES OR SKIN WITH COPIOUS AMOUNTS OF WATER FOR AT ELAST 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHES AND SHOES. ASSURE ADEQUATE FLUSHING OF THE EYES BY SEPARATI NG THE EYELIDS WITH FINGERS. IF INHALED,REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERS ON IS CONSCIOUS. CALL A PHYSICIAN. WASH CONTAMINATED CLOTHING BEFORE REUSE.

Spill Release Procedures:
EVACUATE AREA. WEAR RESPIRATOR, CHEMICAL SAFETY GOGGLES, RUBBER BOOTS AND HEAVY RUBBER GLOVES. SWEEP UP, PLACE IN BAG AND HOLD FOR WASTE DISPOSAL. VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PIC KUP IS COMPLETE.

Neutralizing Agent:
DILUTE SULFURIC ACID

Waste Disposal Methods:
TO A SOLUTION OF PRODUCT IN WATER, ADD AN EXCESS OF DILUTE SULFURIC ACID. LET STAND OVERNIGHT. REMOVE ANY INSOLUBLES AND BURY IN A LANDFILL SITE APPROVED FOR HAZARDOUS WASTE DISPOSAL. OBSERVE ALL FEDE RAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

Handling And Storage Precautions:
2 STORE IN A COOL DRY PLACE. KEEP CONTAINER CLOSED. USE ONLY IN A CHEMICAL FUME HOOD.

Other Precautions:
HIGHLY TOXIC. DO NOT BREATHE DUST. DO NOT GET IN EYES, ON SKIN, OR ON CLOTHING. WASH THOROUGHLY AFTER HANDLING.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
NONCOMBUSTIBLE

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
UNKNOWN

Upper Limits:
UNKNOWN

Extinguishing Media:
NONCOMBUSTIBLE. USE EXTINGUISHING MEDIA APPROPRIATE TO SURROUNDING FIRE CONDITIONS.

Fire Fighting Procedures:
DO NOT ENTER ANY ENCLOSED OR CONFINED FIRE SPACE WITHOUT PROPER PROTECTIVE EQUIPMENT INCLUDING SELF-CONTAINED BREATHING APPARATUS TO PROTECT AGAINST THE HAZARDOUS EFFECTS OF THE NORMAL PRODUCTS OF COM BUSTION OR OXYGEN DEFICIENCY.

Unusual Fire/Explosion Hazard:
NONE SPECIFIED BY MANUFACTURER.

Physical/Chemical Properties

HCC:
T4

NRC/State LIC No:
N/R

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
UNKNOWN

Melt/Freeze Pt:
=78.C, 172.4F

M.P/F.P Text:

Decomp Temp:

Decomp Text:
UNKNOWN

Vapor Pres:
UNKNOWN

Vapor Density:
UNKNOWN

Volatile Org Content %:

Spec Gravity:
2.180

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
UNKNOWN

Solubility in Water:
N/P

Appearance and Odor:
WHITE CRYSTALLINE POWDER.

Percent Volatiles by Volume:
N/K

Corrosion Rate:
UNKNOWN

Reactivity Data

Stability Indicator:
N/P

Stability Condition To Avoid:
NOT PROVIDED.

Materials To Avoid:
ACIDS, ABSORBS CARBON DIOXIDE FROM AIR.

Hazardous Decomposition Products:
NOT PROVIDED.

Hazardous Polymerization Indicator:
N/P

Conditions To Avoid Polymerization:
NOT PROVIDED.

Toxicological Information

Information:N/P

MSDS Transport Information

Information:N/P

Regulatory Information

Sara Title III Information: N/P

Federal Regulatory Information: N/P

State Regulatory Information: N/P

Other Information

Other Information:N/P