

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-138/13840-33-0.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
13840-33-0
Code:
M

RTECS:
NH3486000
Code:
M

Name:
LITHIUM HYPOCHLORITE CHLORINE (CAN YIELD CHLORINE

Other REC Limits:
NOT SPECIFIED

OSHA PEL:
3 MG/M3
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
NOT ESTABLISHED
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
DESIRABLE FOR HANDLING LOOSE POWDER NIOSH/MSHA TC- 23C-129.

Ventilation:
LOCAL EXHAUST: YES. MECHANICAL (GENERAL): YES. SPECIAL: ORDINARILY UNNECESSARY.

Protective Gloves:
YES--RUBBER OR PLASTIC.

Eye Protection:
YES--EYE GOGGLES OR FACE SHIELD.

Other Protective Equipment:
Equipment RUBBER APRON DESIRABLE IF THERE IS DIRECT CONTACT.

Work Hygienic Practices:
WASH CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health:
N/K 3

Health Hazards Data

LD50LC50Mixture:
N/K

Route Of Entry Inds - Inhalation:
YES

Skin:
NO

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
IF CHLORINE RELEASED COULD CAUSE IRRITATION OF NOSE AND THROAT . PRODUCT ALKALINE COULD CAUSE EYE INJURY. CONTACT WITH SKIN; COULD CAUSE IRRITATION.

Explanation Of Carcinogenicity:
NOT LISTED AS A CARCINOGEN.

Signs And Symptoms Of Overexposure:
REDDENING OF SKIN, COUGHING OR CHOKING SENSATION. STRONG IRRITATION OF EYES ON CONTACT.

Medical Cond Aggravated By Exposure:
DERMATITS. IF CHLORINE RELEASED, EMPHYZEMA.

First Aid:
EYES; FLUSH WITH WATER FOR 15 MINUTES. IF IRRITATION PERSISTS, GET MEDICAL AID. INHALATION; GET FRESH AIR. SKIN; FLUSH WITH WATER FOR 15 MINUTES. INGESTION; DRINK FRUIT JUICES. IF SUBSTANTIAL--GET MED ICAL AID.

Spill Release Procedures:
LARGE SPILLS; EVACUATE AREA UNTIL FUMES ARE GONE. ABSORB ON NON-REACTIVE MATERIAL (NO PAPER OR CLOTH) AND CONTAINERIZE IN METAL CONTAINER (NO PAPER, CLOTH OR WATER).

Neutralizing Agent:
N/K

Waste Disposal Methods:
2 CONTACT SUPPLIER FOR DISPOSAL OF LARGE AMOUNTS.

Handling And Storage Precautions:
STORE IN A DRY, COOL LOCATION IN SEALED CONTAINER.

Other Precautions:
AVOID SKIN OR EYE CONTACT. DO NOT BREATHE DUST OR FUMES.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
NONE

Autoignition Temp:

Autoignition Temp Text:
N/K

Lower Limits:
N/K

Upper Limits:
N/K

Extinguishing Media:
SUITABLE FOR SURROUNDING FIRE.

Fire Fighting Procedures:
IF SUBSTANTIAL AMOUNT SUBJECTED TO WATER OR ACID COULD GENERATE CHLORINE REQUIRING MASK.

Unusual Fire/Explosion Hazard:
POTENTIAL RELEASE OF CHLORINE.

Physical/Chemical Properties

HCC:
B1

NRC/State LIC No:
N/K

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
N/K

Melt/Freeze Pt:

M.P/F.P Text:
N/K

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
N/K

Vapor Density:
N/K

Volatile Org Content %:

Spec Gravity:
N/K

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/K

Evaporation Rate & Reference:
N/K

Solubility in Water:
COMPELTELY SOLUBLE.

Appearance and Odor:
WHITE GRANULAR POWDER.

Percent Volatiles by Volume:
N/K

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
STRONG ACIDS, WATER.

Materials To Avoid:
STRONG ACIDS, WATER.

Hazardous Decomposition Products:
CHLORINE GAS.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
N/K

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