

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

ACGIH STEL:

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

LD50/LC50 Mixture:

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:

DERMATITIS. 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 MEDICAL 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 BREATH DUST OR FUMES.

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:**Flash Point Text:**

NONE

Autoignition Temp:

N/K

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:

N/P

Boiling Point:

N/K

B.P. Text:

N/K

Melt/Freeze Pt:

N/K

Decomp Temp:

N/K

Decomp Text:

N/K

Vapor Pres:

N/K

Vapor Density:

N/K

Volatile Org Content %:

N/K

Spec Gravity:

N/K

VOC Pounds/Gallon:

N/K

PH:

N/K

VOC Grams/Liter:

N/K

Viscosity:

N/K

Evaporation Rate & Reference:

N/K

Solubility in Water:

COMPLETELY SOLUBLE.

Appearance and Odor:

WHITE GRANULAR POWDER.

Percent Volatiles by Volume:

N/K

Corrosion Rate:

N/K

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

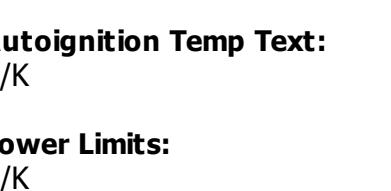
Other Information:

N/P

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