

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-777-7778-66-7.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

7778-66-7

Code:

M

RTECS:

TT2825000

Code:

M

Name:

POTASSIUM HYPOCHLORITE (IARC CANCER REVIEW: GROUP

Other REC Limits:

N/K

OSHA PEL:

N/K

Code:

M

OSHA STEL:

N/K

Code:**ACGIH TLV:**

N/K

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

N/K

Ventilation:

N/K

Protective Gloves:

RUBBER/PROTECTIVE CUFF/GAUNTLET TYPE

Eye Protection:

SPLASHPROOF GLASSES/GOGGLES/FACESHIELD

Other Protective Equipment:

Equipment N/K

Work Hygienic Practices:

REMOVE/LAUNDER CONTAMINATED CLOTHING & SHOES BEFORE REUSE.

Supplemental Safety and Health:

N/K 3

Health Hazards Data

LD50/LC50 Mixture:

N/P

Route Of Entry Inds - Inhalation:

YES

Skin:

NO

Ingestion:

YES

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

N/K

Health Hazards Acute And Chronic:

SKIN/EYES: CAUSES SEVERE CHEMICAL BURNS. MAY CAUSE BLINDNESS. INGESTION: HARMFUL/FATAL. CAUSES CHEMICAL BURNS OF MOUTH, THROAT & STOMACH. INHALATION: DAMAGES AIRWAYS & LUNGS, UPON DURATION OF EXPOSURE. EFFECTS FROM SLIGHT IRRITATION TO BRONCHITIS/PNEUMONIA. PEOPLE W/ASTHMA/OTHER LUNG PROBLEMS MAY BE MORE SUSCEPTIBLE.

Explanation Of Carcinogenicity:

NONE

Signs And Symptoms Of Overexposure:

IRRITATION.

Medical Cond Aggravated By Exposure:

N/K

First Aid:

EYES: FLUSH IMMEDIATELY W/PLENTY OF COOL RUNNING WATER FOR 15 MINS. REMOVE CONTACT LENSES. SKIN: IMMEDIATELY FLUSH W/PLENTY OF COOL RUNNING WATER FOR 15 MINS. INGESTION: RINSE MOUTH AT ONCE, THEN DRINK 1/2 LARGE GLASSES OF WATER/MILK. DON'T INDUCE VOMITING. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. INHALATION: IMMEDIATELY MOVE TO FRESH AIR. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Spill Release Procedures:

CLEANUP, DIKE/DAM. PUMP TO CONTAINERS/SOAK UP ON INERT ABSORBENT. FLUSH RESIDUE TO SANITARY SEWER.

Neutralizing Agent:

N/K

Waste Disposal Methods:

2 UNUSED PRODUCTS AS A WASTE IS CORROSIVE (D002) TO RCRA CRITERIA. DISPOSE OF IAW/FEDERAL, STATE & LOCAL REGULATIONS. NA 1719.

Handling And Storage Precautions:

N/K

Other Precautions:

AVOID BREATHING DUSTS/MISTS OF THIS PRODUCT. KEEP OUT OF REACH OF CHILDREN.

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:

N/K

Flash Point Text:

N/K

Autoignition Temp:

N/A

Autoignition Temp Text:

N/A

Lower Limits:

N/K

Upper Limits:

N/K

Extinguishing Media:

N/K

Fire Fighting Procedures:

PRODUCT DOES NOT SUPPORT COMBUSTION.

Unusual Fire/Explosion Hazard:

HIGH TEMPS MAY GENERATE HAZARDOUS PRODUCTS INCLUDING CHLORINE GAS.

Physical/Chemical Properties

HCC:**NRC/State LIC No:****Net Prop WT For Ammo:**

N/P

Boiling Point:

N/K

B.P. Text:

>212F

Melt/Freeze Pt:

N/K

M.P./F.P. Text:

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:

1.342

VOC Pounds/Gallon:

N/K

PH:

12

VOC Grams/Liter:

N/K

Viscosity:

N/P

Evaporation Rate & Reference:

N/K

Solubility in Water:

COMPLETE

Appearance and Odor:

CLEAR LIGHT YELLOW LIQUID W/CHLORINE ODOR

Percent Volatiles by Volume:

N/K

Corrosion Rate:

N/K

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

N/K

Materials To Avoid:

ACIDS, AMMONIA

Hazardous Decomposition Products:

HAZARDOUS VAPORS

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

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