

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-744/7440-23-5.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
7440-23-5
Code:
M

RTECS:
VY0686000
Code:
M

Name:
SODIUM (CERCLA)

Other REC Limits:
NONE RECOMMENDED

OSHA PEL:
NOT ESTABLISHED
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
NOT ESTABLISHED
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:
NONE SPECIFIED BY MANUFACTURER.

Ventilation:
MECHANICL (GENERAL) VENTILATION IS ACCEPTABLE; LOCAL EXHAUST PREFERABLE.

Protective Gloves:
BUTYL RUBBER, POLYETHYLENE GLOVES.

Eye Protection:
SAFETY GLASSES, GOGGLES OR FACE SHIELD.

Other Protective Equipment:
Equipment NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:
NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health:
N/P

Health Hazards Data

LD50LC50Mixture:
NONE ESTABLISHED. TLV 5PPM.

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
NO

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
NO ADVERSE EFFECTS NOTED ON HUMANS,IN ANIMALS,MALE RESPO EFFECTS & FETOTOXICITY. SKIN CONTACT MAY CAUSE MILD ALKALI BURNS. INHAL MAY CAUSE DIZZINESS OR DROWSINESS.

Explanation Of Carcinogenicity:
2 N/P

Signs And Symptions Of Overexposure:
MILD SKIN ALKALI BURNS, DIZZINESS, DROWSINESS.

Medical Cond Aggravated By Exposure:
NONE SPECIFIED BY MANUFACTURER.

First Aid:
INHAL:REMOVE TO FRESH AIR.GIVE ART RESP IF NOT BREATH.SEEK MED ATTN IMMED IF NECESSARY. EYE:IMMED FLUSH W/WATER FOR @LEAST 15MINS.CONTACT PHYSICIAN. SKIN:FLUSH W/WATER IMMED.WASH THOROUGHLY W/SOAP/WATER.IF BURNING SENSATION PERSISTS SEE PHYSICIAN. INGEST:CONTACT PHYSICIAN IMMED.

Spill Release Procedures:
ISOLATE FROM ALL IGNITION SOURCES. FLOOD W/WATER. NEUTRALIZE W/ACETIC OR HYDROCHLORIC ACID. ABSORB THE SOLN IN SAND, INERT ABSORBENT OR CAUSTIC SPILL KIT.

Neutralizing Agent:
ACETIC OR HYDROCHLORIC ACID.

Waste Disposal Methods:
DILUST E/WATER,NEUTRALIZE W/ACID,FILTER SOLIDS.DISPO OF SOLIDS & NEUTRALIZED LIQUID IAW FED/STATE/LOC LAWS.

Handling And Storage Precautions:
FOLLOW PRECEDURE FOR FLAMM & CAUSTIC MATLS. STORE IN COOL PLACE. WARM TO ROOM TEMP PRIOR TO USE. DO NOT RETURN USED PROTIONS TO ORIGINAL CNTNR.

Other Precautions:
USE W/ADEQUATE VENTILATION. KEEP CNTNR CLSD TIGHTLY WHEN NOT IN USE. AVOID LONG EXPOSURE TO ATMOSPHER.

Fire and Explosion Hazard Information

Flash Point Method:
COC

Flash Point:

Flash Point Text:
158F,70C

Autoignition Temp:

Autoignition Temp Text:
370F

Lower Limits:
1.5

Upper Limits:
17.4

Extinguishing Media:
DRY CHEMICAL, CO2.

Fire Fighting Procedures:
USE DRY CHEMICAL, CARBON DIOXIDE, WATER SPRAY OR ALCOHOL FOAM. WATER WILL NEUTRALIZE THE SODIUM IN FLOUROETCH & FORM A CAUSTIC SOLUTION.

Unusual Fire/Explosion Hazard:
NONE SPECIFIED BY MANUFACTURER.

Physical/Chemical Properties

HCC:
B3

NRC/State LIC No:
N/R

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
NP

Melt/Freeze Pt:

M.P/F.P Text:
NP

Decomp Temp:

Decomp Text:
NP

Vapor Pres:
1.7 @20C

Vapor Density:
4.6

Volatile Org Content %:

Spec Gravity:
1.04

VOC Pounds/Gallon:

PH: NP

VOC Grams/Liter:

Viscosity:
NP

Evaporation Rate & Reference:
0.36 (N-BUTYL ACETATE=1)

Solubility in Water:
90%, APPRECIABLE

Appearance and Odor:
GREEN-BLACK LIQUID, ODOR OF NAPHTHALENE DER.

Percent Volatiles by Volume:
>85

Corrosion Rate:
NP

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
OPEN FLAME, SPARKS, IGNITION SOURCES. EXPOSURE TO AIR OR OXYGEN.

Materials To Avoid:
WATER, OXIDIZING MATLS, EXPOSURE TO AIR OR OXYGEN.

Hazardous Decomposition Products:
REACTS W/WATER TO FORM CAUSTIC SODA, NAPHTHALENE, GLYCOL ETHER, PEROXIDES. 4

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
NOT APPLICABLE

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