

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-113/1134-23-2.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
1134-23-2

Code:
M

RTECS:
GU7200000

Code:
M

Name:
CYCLOATE

Other REC Limits:
N/K

OSHA PEL:
N/K

Code:
M

OSHA STEL:

Code:

ACGIH TLV:

Code:
N/K

ACGIH STEL:

Code:
N/P

Code:

Control Measures

Respiratory Protection:
N/K

Ventilation:

Code:
N/K

Protective Gloves:
REQUIRED

Eye Protection:
CHEMICAL GOGGLES, FACE SHIELD

Other Protective Equipment:

Equipment WEAR OSHA/MSMA APPROVED SAFETY EQUIPMENT INCLUDING CHEMICAL RESISTANT CLOTHING, LABORATORY COAT, RUBBER APRON.

Work Hygienic Practices:

Code:
N/K 4

Supplemental Safety and Health:

Code:
N/K

Health Hazards Data

LD50/LC50 Mixture:

Code:
N/K

Route Of Entry Inds - Inhalation:

Code:
NO

Skin:

Code:
NO

Ingestion:

Code:
NO

Carcinogenicity Inds - NTP:

Code:
NO

IARC:

Code:
NO

OSHA:

Code:
NO

Health Hazards Acute And Chronic:

DIRECT PHYSICAL CONTACT SHOULD BE AVOIDED. TOXIC, IRRITANT.

Explanation Of Carcinogenicity:

Code:
NONE

Signs And Symptoms Of Overexposure:

Code:
N/K

Medical Cond Aggravated By Exposure:

Code:
N/K

First Aid:

EYES & SKIN: FLUSH W/WATER. INHALATION: REMOVE TO FRESH AIR, GIVE OXYGEN IF NECESSARY. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Spill Release Procedures:

LEAKING BOTTLE MAY BE PLACED IN PLASTIC BAG. LIQUID MAY BE ABSORBED ON VERMICULITE OR SAND.

Neutralizing Agent:

Code:
N/K 3

Waste Disposal Methods:

BURN IN A CHEMICAL INCINERATOR EQUIPPED W/AFTERCURNER & SCRUBBER I/A/W LOCAL, STATE & FEDERAL REGULATIONS.

Handling And Storage Precautions:

KEEP TIGHTLY CLOSED IN A COOL, DRY PLACE.

Other Precautions:

Code:
N/K

Fire and Explosion Hazard Information

Flash Point Method:

Code:
N/P

Flash Point:

Code:
N/K

Flash Point Text:

Code:
N/K

Autoignition Temp:

Code:
N/A

Autoignition Temp Text:

Code:
N/A

Lower Limits:

Code:
N/K

Upper Limits:

Code:
N/K

Extinguishing Media:

CO₂, DRY CHEMICAL POWDER, WATER SPRAY

Fire Fighting Procedures:

COMBUSTIBLE LIQUID

Unusual Fire/Explosion Hazard:

Code:
N/K

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Code:
N/P

Boiling Point:

Code:
N/P

B.P. Text:

Code:
N/K

Melt/Freeze Pt:

Code:
N/P

M.P/F.P Text:

Code:
N/K

Decomp Temp:

Code:
N/P

Decomp Text:

Code:
N/K

Vapor Pres:

Code:
N/K

Vapor Density:

Code:
N/K

Volatile Org Content %:

Code:
N/K

Spec Gravity:

Code:
N/K

VOC Grams/Liter:

Code:
N/K

Viscosity:

Code:
N/P

Evaporation Rate & Reference:

Code:
N/K

Solubility in Water:

Code:
N/K

Appearance and Odor:

COLORLESS LIQUID

Percent Volatiles by Volume:

Code:
N/K

Corrosion Rate:

Code:
N/K

Reactivity Data

Stability Indicator:

Code:
YES

Stability Condition To Avoid:

Code:
N/K

Materials To Avoid:

STRONG OXIDIZERS

Hazardous Decomposition Products:

Code:
N/K

Hazardous Polymerization Indicator:

Code:
NO

Conditions To Avoid Polymerization:

Code:
N/K

Toxicological Information

Information:

Code:
N/P

MSDS Transport Information

Information:

Code:
N/P

Regulatory Information

Sara Title III Information:

Code:
N/P

Federal Regulatory Information:

Code:
N/P

State Regulatory Information:

Code:
N/P

Other Information

Other Information:

Code:
N/P

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