

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:
N/K
Code:
M

ACGIHSTEL:
N/P
Code:

Control Measures

Respiratory Protection:

N/K

Ventilation:

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:

N/K 4

Supplemental Safety and Health:

N/K

Health Hazards Data

LD50LC50Mixture:

N/K

Route Of Entry Inds - Inhalation:

NO

Skin:

NO

Ingestion:

NO

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

DIRECT PHYSICAL CONTACT SHOULD BE AVOIDED. TOXIC, IRRITANT.

Explanation Of Carcinogenicity:

NONE

Signs And Symptions Of Overexposure:

N/K

Medical Cond Aggravated By Exposure:

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:

N/K 3

Waste Disposal Methods:

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

Handling And Storage Precautions:

KEEP TIGHTLY CLOSED IN A COOL, DRY PLACE.

Other Precautions:

N/K

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:

Flash Point Text:

N/K

Autoignition Temp:

Autoignition Temp Text:

N/A

Lower Limits:

N/K

Upper Limits:

N/K

Extinguishing Media:

CO2, DRY CHEMICAL POWDER, WATER SPRAY

Fire Fighting Procedures:

COMBUSTIBLE LIQUID

Unusual Fire/Explosion Hazard:

N/K

Physical/Chemical Properties

HCC:

NRC/State LIC No:

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/P

Evaporation Rate & Reference:

N/K

Solubility in Water:

N/K

Appearance and Odor:

COLORLESS LIQUID

Percent Volatiles by Volume:

N/K

Corrosion Rate:

N/K

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

N/K

Materials To Avoid:

STRONG OXIDIZERS

Hazardous Decomposition Products:

N/K

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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WARRANTY

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