

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-210/2104-64-5.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

2104-64-5

Code:

M

RTECS:

TB1925000

Code:

M

Name:

EPIN

Other REC Limits:

N/K

OSHA PEL:

0.5 MG/CUM

Code:

M

OSHA STEL:

Code:

ACGIH TLV:

0.5 MG/CUM (SKIN)

Code:

M

ACGIHSTEL:

N/P

Code:

Control Measures

Respiratory Protection:

USE APPROPRIATE OSHA/MSMA APPROVED SAFETY EQUIPMENT.

Ventilation:

N/K

Protective Gloves:

4 CHEMICAL RESISTANT

Eye Protection:

CHEMICAL GOGGLES, FACE SHIELD

Other Protective Equipment:

Equipment CHEMICAL RESISTANT CLOTHING, LABORATORY COAT, RUBBER APRON.

Work Hygienic Practices:

N/K

Supplemental Safety and Health:

ALL CHEMICALS SHOULD BE CONSIDERED HAZARDOUS, DIRECT PHYSICAL CONTACT SHOULD BE AVOIDED.

Health Hazards Data

LD50LC50Mixture:

ORAL LD50(RAT): 1375 MG/KG MALATHION

Route Of Entry Inds - Inhalation:

NO

Skin:

NO

Ingestion:

NO

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

TOXIC; IRRITANT.

Explanation Of Carcinogenicity:

NONE

Signs And Symptoms Of Overexposure:

TOXIC; IRRITANT.

Medical Cond Aggravated By Exposure:

3 N/K

First Aid:

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

Spill Release Procedures:

A LEAKING BOTTLE MAY BE PLACED IN A PLASTIC BAG & NORMAL DISPOSAL PROCEDURES FOLLOWED. LIQUID SAMPLES MAY BE ABSORBED ON VERMICULITE/SAND.

Neutralizing Agent:

N/K

Waste Disposal Methods:

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

Handling And Storage Precautions:

KEEP TIGHTLY CLOSED & STORE IN A COOL, DRY PLACE. THIS MATERIAL SHOULD ONLY BE USED BY PERSONS TRAINED IN THE SAFE HANDLING OF HAZARDOUS CHEMICALS.

Other Precautions:

PREVENT CONTACT W/EYES, SKIN & CLOTHING.

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:

Flash Point Text:

COMBUSTIBLE

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:

N/K

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:

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