

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-164/1646-87-3.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
1646-87-3

Code:
M

RTECS:
UE2075000

Code:

Name:
PROPIONALDEHYDE, 2-METHYL-2-(METHYLSULFINYL)-, O-

Other REC Limits:

N/K

OSHA PEL:
N/K

Code:

M

OSHA STEL:

Code:

ACGIH TLV:

N/K

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

USE APPROPRIATE OSHA/MSHA APPROVED SAFETY EQUIPMENT.

Ventilation:

USE ONLY IN A HOOD.

Protective Gloves:

N/K

Eye Protection:

EYE SHIELDS

Other Protective Equipment:

Equipment N/K

Work Hygienic Practices:

REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. PRODUCT READILY ABSORB &RETAINS ON CLOTHING/SHOES.

Supplemental Safety and Health:

FIRST AID CONT'D: DON'T USE PRALIDOXIME CHLORIDE. OBTAIN MEDICAL ATTENTION IN ALL CASES. MELTING POINT: 217.4-222.8F.

Health Hazards Data

LD50/LC50/Mixture:

N/P

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

YES

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

MAYBE FATAL IF ABSORBED THROUGH THE SKIN. INHALED/SWALLOWED. POSSIBLE CHOLINESTERASE INHIBITOR, MAY CAUSE AIRWAY OBSTRUCTION/INCREASED MUCOUS SECRETION IN THE LUNGS. CAN CAUSE EYE, SKIN & RESPIRATORY TRACT & MUCOUS MEMBRANE IRRITATION.

Explanation Of Carcinogenicity:

N/K

Signs And Symptoms Of Overexposure:

IRRITATION, SEIZURES, NAUSEA, VOMITING.

Medical Cond Aggravated By Exposure:

N/K

First Aid:

EYES: FLUSH W/WATER FOR 15-20 MINS. SKIN: FLUSH W/WATER FOR 15-20 MINS. IF NO BURNS HAVE OCCURRED-USE SOAP & WATER TO CLEANSE. INHALATION: REMOVE TO FRESH AIR. GIVE OXYGEN/CPR IF NEEDED. KEEP WARM & Q UIET. INGESTION: DON'T GIVE LIQUIDS/INDUCE VOMITING TO AN UNCONSCIOUS/CONVULSIVE PERSON. IF VOMITING WATCH CLOSELY SO AIRWAY DOESN'T BECOME OBSTRUCTED. ANTIDOTE: ATROPINE SULFATE. (SEE SUPP)

Spill Release Procedures:

EVACUATE AREA. WEAR APPROPRIATE OSHA EQUIPMENT. VENTILATE AREA. SWEEP UP & PLACE IN AN APPROPRIATE CONTAINER. HOLD FOR DISPOSAL. WASH CONTAMINATED SURFACES TO REMOVE ANY RESIDUES.

Neutralizing Agent:

N/K

Waste Disposal Methods:

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

Handling And Storage Precautions:

STORE ONLY W/COMPATIBLE CHEMICALS. STORE UNDER REFRIGERATION. KEEP TIGHTLY CLOSED IN A COOL DRY PLACE.

Other Precautions:

AVOID CONTACT W/SKIN, EYES & CLOTHING. CONTACT LENSES SHOULD NOT BE WORN IN LABORATORY. ALL CHEMICALS SHOULD BE CONSIDERED HAZARDOUS-AVOID DIRECT PHYSICAL CONTACT. THIS 2 PRODUCT IS FOR LABORATORY USE O NLY.

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:

N/A

Flash Point Text:

N/K

Autoignition Temp:

N/A

Autoignition Temp Text:

N/A

Lower Limits:

N/K

Upper Limits:

N/K

Extinguishing Media:

CO2, DRY CHEMICAL POWDER. DON'T USE WATER.

Fire Fighting Procedures:

N/K

Unusual Fire/Explosion Hazard:

N/K

Physical/Chemical Properties

HCC:

NRC/State LIC No:

3

Net Prop WT For Ammo:

N/A

Boiling Point:

N/A

B.P. Text:

N/K

Melt/Freeze Pt:

N/A

M.P/F.P. Text:

(SEE SUPP)

Decomp Temp:

N/A

Decomp Text:

N/A

Viscosity:

N/P

Evaporation Rate & Reference:

N/K

Solubility in Water:

COMPLETE

Appearance and Odor:

COLORLESS CRYSTALLINE SOLID W/NO ODOR

Percent Volatiles by Volume:

NO

Corrosion Rate:

N/K

Volatile Org Content %:

N/A

Spec Gravity:

N/K

VOC Grams/Liter:

N/A

PH:

N/K

VOC Pounds/Gallon:

N/A

Viscosity:

N/P

Evaporation Rate & Reference:

N/K

Solubility in Water:

COMPLETE

Appearance and Odor:

COLORLESS CRYSTALLINE SOLID W/NO ODOR

Percent Volatiles by Volume:

NO

Corrosion Rate:

N/K

Volatile Org Content %:

N/A

Spec Gravity:

N/K

VOC Grams/Liter:

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N/A

Viscosity:

N/P

Evaporation Rate & Reference:

N/K

Solubility in Water:

COMPLETE

Appearance and Odor:

COLORLESS CRYSTALLINE SOLID W/NO ODOR

Percent Volatiles by Volume:

NO

Corrosion Rate:

N/K

Volatile Org Content %:

N/A

Spec Gravity:

N/K

VOC Grams/Liter:

N/A

PH:

N/K

VOC Pounds/Gallon:

N/A

Viscosity:

N/P

Evaporation Rate & Reference:

N/K

Solubility in Water:

COMPLETE

Appearance and Odor:

COLORLESS CRYSTALLINE SOLID W/NO ODOR

Percent Volatiles by Volume:

NO