

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-110/110-86-1.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

110-86-1

Code:

M

RTECS:

UR8400000

Code:

M

Name:

PYRIDINE (SARA III)

Other REC Limits:

NOT ESTABLISHED

OSHA PEL:

5 PPM

Code:

M

OSHA STEL:**Code:****ACGIH TLV:**

5 PPM; 9192

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

USE NIOSH/MSHA APPROVED RESPIRATOR FOR ORGANIC VAPORS/MIST IF ABOVE PEL/TLV OR SCBA IN AN ENCLOSED AREA.

Ventilation:

USE LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW PEL/TLV.

Protective Gloves:

APPROPRIATE TO PREVENT SKIN CONTACT.

Eye Protection:

FACESHIELD AND SPLASH GOGGLES.

Other Protective Equipment:

Equipment EYE WASH FOUNTAIN. 4

Work Hygienic Practices:

USE STRICT CHEMICAL HYGIENE PRACTICE. AVOID ALL CONTACT.

Supplemental Safety and Health:

N/P

Health Hazards Data

LD50/LC50/Mixture:

LD50 (ORAL RAT) IS 1500 MG/KG

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

YES

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

2 ACUTE:IRRITATION TO EYES,SKIN,RESPIRATORY TRACT;NARCOSIS,DIZZINESS,DROWSINESS,HEADACHE,POSSIBLE UNCONSCIOUSNESS,FATAL IF INGESTED. CHRONIC:DAMAGE TO EYES,DERMATITIS,CNS DEPRESSION,LIVER OR KIDNEY DAMAGE.

Explanation Of Carcinogenicity:

NONE OF THE CHEMICALS IN THIS PRODUCT IS LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.

Signs And Symptoms Of Overexposure:

EYE:VAPOR IRRITATING,LIQUID MAY BE CORROSIVE. SKIN:IRRITATION,PHOTOSENSITIVITY,ABSORPTION SAME AS INHALED. INHALED:(3600 PPM IDLH) RESPIRATORY IRRITATION,NARCOSIS,HEADACHE,DIZZINESS,NAUSEA,VOMITING. INGESTED:NARCOSIS,DIZZINESS,VOMITING,DIARRHEA,DETERIUM,PULMONARY EDEMA.

Medical Cond Aggravated By Exposure:

PRE-EXISTING CONDITIONS MAY BE WORSEN.

First Aid:

EYE:FLUSH WITH WATER 15 MIN,GET MEDICAL CARE. SKIN:REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP & FLUSH WITH WATER. LAUNDER CLOTHING BEFORE REUSE. CALL PHYSICIAN. INHALED:REMOVE FROM EXPOSURE.GIVE ARTIFICIAL RESPIRATION IF NEEDED. GET MEDICAL ATTENTION. INGESTED:REMOVE POISON FROM CONSCIOUS PERSON BY GASTRIC LAVAGE OR EMESIS. GET IMMEDIATE MEDICAL ATTENTION. GIVE OXYGEN IF NEEDED.

Spill Release Procedures:

ELIMINATE IGNITION SOURCES.ABSORB WITH SAND OR OTHER INERT MATERIAL.STORE IN CLOSED CONTAINER PENDING DISPOSAL.

Neutralizing Agent:

NONE

Waste Disposal Methods:

DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

Handling And Storage Precautions:

STORE IN A COOL,DRY,WELL VENTILATED AREA,PREFERABLY DETACHED OR OUTDOOR, AWAY FROM IGNITION SOURCES.

Other Precautions:

LAUNDER CONTAMINATED CLOTHING. 3

Fire and Explosion Hazard Information

Flash Point Method:

CC

Flash Point:

YES

Flash Point Text:

68F/20C

Autoignition Temp:

900F

Lower Limits:

1.8

Upper Limits:

12.4

Extinguishing Media:

CARBON DIOXIDE,DRY CHEMICAL,FOAM,WATER FOG,WATER SPRAY.

Fire Fighting Procedures:

WEAR SELF CONTAINED BREATHING APPARATUS. USE WATER TO COOL FIRE EXPOSED CONTAINERS.

Unusual Fire/Explosion Hazard:

NONE

Physical/Chemical Properties

HCC:

F2

NRC/State Lic No:

N/R

Net Prop WT For Ammo:

NO

Boiling Point:

241F,116C

Melt/Freeze Pt:

-44F/-42C

Decomp Temp:

UNKNOWN

Vapor Pres:

18

Vapor Density:

2.7

Volatile Org Content %:

NO

Spec Gravity:

0.98

VOC Pounds/Gallon:

NO

PH:

N/P

VOC Grams/Liter:

NO

Viscosity:

N/P

Evaporation Rate & Reference:

N/K

Solubility in Water:

SOLUBLE

Appearance and Odor:

COLORLESS LIQUID WITH A SHARP, PENETRATING, NAUSEOUS ODOR.

Percent Volatiles by Volume:

YES

Autoignition Temp:

900F

Lower Limits:

1.8

Upper Limits:

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