

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-978/97886-45-8.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
97886-45-8
Code:
M

RTECS:
US7961200
Code:
M

Name:
3,5-PYRIDINEDICARBOTHIOIC ACID, 2-(DIFLUOROMETHY

Other REC Limits:
N/K

OSHA PEL:
N/K
Code:
M

OSHA STEL:

Code:

ACGIH TLV:
N/K
Code:
M N/P

ACGIHSTEL:
EPA Rpt Qty: DOT Rpt Qty: Ozone Depleting Chem
Code:
1 ACGIH STEL:

Control Measures

Respiratory Protection:
USE NIOSH/MSHA APPROVED RESPIRATORY PROTECTION EQUIPMENT (FULL FACEPIECE RECOMMENDED) WHEN AIRBORNE EXPOSURE IS EXCESSIVE

Ventilation:
ADEQUATE TO MINIMIZE EXPOSURE & AVOID BUILDUP OF COMBUSTIBLE VAPORS. LOCAL EXHAUST: CONSULT NFPA STANDARD 91.

Protective Gloves:
3 CHEMICAL RESISTANT

Eye Protection:
CHEMICAL SAFETY GOGGLES/FACESHIELD

Other Protective Equipment:
Equipment MEANS FOR IMMEDIATE DRENCHING OF EYES &SKIN

Work Hygienic Practices:
REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE. WASH THOROUGHLY W/SOAP &WATER AFTER HANDLING.

Supplemental Safety and Health:
WASH NON-DISPOSABLE GLOVES THOROUGHLY W/SOAP & WATER BEFORE REMOVING. DON'T CONTAMINATE WATER WHEN DISPOSING OF EQUIPMENT WASHWATERS.

Health Hazards Data

LD50LC50Mixture:
ORAL LD50 (RAT): 3,600 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:
EYES: SUBSTANTIAL BUT TEMPORARY INJURY & IRRITATION. INHALATION: UPPER RESPIRATORY IRRITATION, NARCOTIC-LIKE & ANESTHETIC-LIKE EFFECTS. SKIN: ABSORPTION, ALLERGIC REACTION & IRRITATION. LIVER, KIDNEY, HEART DAMAGE.

Explanation Of Carcinogenicity:
NONE

Signs And Symptions Of Overexposure:
INHALATION: HEADACHE, DIZZINESS, FATIGUE, SLUGGISHNESS, LOSS OF APPETITE, LOSS OF CONSCIOUSNESS, & NAUSEA. SKIN: DEFATTING, DRYING & REDNESS. SYMPTOMS OF ASPIRATION INCLUDE INCREASED RESPIRATION & HEA RT RATE, COUGHING, CHOKING & GAGGING. EYES: IRRITATION.

Medical Cond Aggravated By Exposure:
N/K

First Aid:
2 EYES: FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MINS. SKIN: FLUSH W/WATER WHILE REMOVING CONTAMINATED CLOTHING. INGESTION: DON'T INDUCE VOMITING. GIVE LARGE QUANTITIES OF WATER. NEVER GIVE ANYTHING BY M OUTH IF UNCONSCIOUS. INHALATION: REMOVE TO FRESH AIR. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Spill Release Procedures:
DON'T CONTAMINATE WATER, FOODSTUFFS, FEED OR SEED BY STORAGE OR DISPOSAL. TRIPLE RINSE CONTAINER, THEN PUNCTURE FOR DISPOSAL. THIS PRODUCT IS TOXIC TO FISH. DRIFT OR RUNOFF MAY ADVERSELY AFFECT AQUATI C ORGANISMS.

Neutralizing Agent:
N/K

Waste Disposal Methods:
WASTES FROM USE OF PRODUCT THAT CANNOT BE USED/CHEMICALLY REPROCESSED SHOULD BE DISPOSED OF IN A LANDFILL APPROVED FOR PESTICIDE DISPOSAL OR IN ACCORDANCE W/FEDERAL, STATE, & LOCAL REGULATIONS.

Handling And Storage Precautions:
STORE >40F TO AVOID CRYSTALLIZATION. IF CRYSTALS FORM/PRODUCT FREEZES, MOVE TO AMBIENT TEMPERATURE AREA. SHAKE WELL TO DISSOLVE CRYSTALS.

Other Precautions:
DON'T GET IN EYES, ON SKIN OR ON CLOTHING. AVOID BREATHING VAPORS/SPRAY MIST. KEEP OUT OF REACH OF CHILDREN. REFORMULATION/REPACKAGING IN PROHIBITED.

Fire and Explosion Hazard Information

Flash Point Method:
TCC

Flash Point:

Flash Point Text:
145F

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/K

Upper Limits:
N/K

Extinguishing Media:
WATER SPRAY, FOAM, DRY CHEMICAL, CO2, OR OTHER CLASS B EXTINGUISHING AGENT

Fire Fighting Procedures:
WEAR FULL PROTECTIVE CLOTHING & SELF-CONTAINED BREATHING APPARATUS. EQUIPMENT SHOULD BE THOROUGHLY CLEANED AFTER USE.

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:
0.95

VOC Pounds/Gallon:

PH: 4.1

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
N/K

Solubility in Water:
N/K

Appearance and Odor:
YELLOW LIQUID W/KEROSENE-LIKE ODOR

Percent Volatiles by Volume:
N/K

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
STORAGE >2 YEARS,

Materials To Avoid:
N/K

Hazardous Decomposition Products:
CO, OXIDES OF NITROGEN, SULFUR

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



For R&D use only. Not for drug, household or other uses.
WARRANTY
The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Lookchem shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.