

# 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-PYRIDINEDICARBOETHIOIC 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

**ACGIH STEL:**

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

**LD50/LC50 Mixture:**

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 Symptoms Of Overexposure:**

INHALATION: HEADACHE, DIZZINESS, FATIGUE, SLUGGISHNESS, LOSS OF APPETITE, LOSS OF CONSCIOUSNESS, & NAUSEA. SKIN: DEFATTING, DRYING & REDNESS. SYMPTOMS OF ASPIRATION INCLUDE INCREASED RESPIRATION & HEART 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 MOUTH 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 AQUATIC 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:**

N/A

**Flash Point Text:**

145F

**Autoignition Temp:**

N/A

**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

**First Aid:**

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INGESTION: DON'T INDUCE VOMITING. GIVE LARGE QUANTITIES OF WATER. NEVER GIVE ANYTHING BY MOUTH IF UNCONSCIOUS.

INHALATION: REMOVE TO FRESH AIR. OBTAIN MEDICAL ATTENTION IN ALL CASES.

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## 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

## Physical/Chemical Properties

**HCC:****NRC/State Lic No:****Net Prop WT For Ammo:**

N/A

**Boiling Point:**

N/A

**B.P. Text:**

N/A

**Melt/Freeze Pt:**

N/A

**M.P/F.P Text:**

N/A

**Decomp Temp:**

N/A

**Decomp Text:**

N/A

**Vapor Pres:**

N/A

**Vapor Density:**

N/A

**Water Solubility:**

N/A

**Appearance and Odor:**

YELLOW LIQUID W/KEROSENE-LIKE ODOR

**Percent Volatiles by Volume:**

N/A

**Corrosion Rate:**

N/A

**Health Hazards Acute And Chronic:**

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