

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-537/53780-34-0.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
53780-34-0  
**Code:**  
M

**RTECS:**  
AE2460000  
**Code:**  
M

**Name:**  
N-(2,4-DIMETHYL-5-(((TRIFLUOROMETHYL)SULFONYL)AMI

**Other REC Limits:**  
N/K

**OSHA PEL:**  
N/K  
**Code:**  
M

**OSHA STEL:**

**Code:**

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

**ACGIHSTEL:**  
N/P  
**Code:**

## Control Measures

**Respiratory Protection:**  
USE NIOSH APPROED MASK FOR SPRAY MIST & WHEN >TLV.

**Ventilation:**  
ADEQUATE LOCAL EXHAUST IN CONFINED AREAS TO KEEP

**Protective Gloves:**  
RUBBER

**Eye Protection:**  
SAFETY GOGGLES W/SIDE SHIELDS

**Other Protective Equipment:**  
Equipment PROTECTIVE CLOTHING

**Work Hygienic Practices:**  
WASH THOROUGHLY AFTER HANDLING.

**Supplemental Safety and Health:**  
N/K

## Health Hazards Data

**LD50LC50Mixture:**  
ORAL LD50 (RAT): 4000 MG/KG

**Route Of Entry Inds - Inhalation:**  
NO

**Skin:**  
NO

**Ingestion:**  
NO

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
EYES: REDDENING, TEARING, & IRRITATION.

**Explanation Of Carcinogenicity:**  
NONE

**Signs And Symptions Of Overexposure:**  
EYES: REDDENING, TEARING, & IRRITATION.

**Medical Cond Aggravated By Exposure:**  
N/K

**First Aid:**  
INHALATION: REMOVE TO FRESH AIR. IF BREATHING SS, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. EYES: FLUSH W/WATER FOR AT LEAST 15 MINS. SKIN: WASH W/PLENTY OF SOAP & WATER. INGESTION: DRINK 1 OR 2 GLASSES OF WATER/INDUCE VOMITING BY TOUCHING BACK OF THROAT W/FINGER. DON'T INDUCE VOMITING/GIVE ANYTHING BY MOUTH IF UNCONSCIOUS. OBTAIN MEDICAL ATTENTION IN ALL CASES.

**Spill Release Procedures:**  
S LEAK. CONTAIN SPILL. REMOVE W/ABSORBANT MATERIAL, THEN DISPOSE IN LABELED CONTAINER.

**Neutralizing Agent:**  
N/K

**Waste Disposal Methods:**  
WASTE RESULTING FROM USE OF PRODUCTS MAY BE DISPOSED OF ON SITE OR AT AN APPROVED WASTE DISPOSAL FACILITY. OPEN DUMPING IS PROHIBITED. DISPOSE OF IN ACCORDANCE W/FEDERAL, STATE, & LOCAL REGULATIONS.

**Handling And Storage Precautions:**  
KEEP CONTAINER CLOSED. STORE IN COOL, DRY PLACE. PLACE CONTAINER ON ITS SIDE TO PREVENT WATER COLLECTING TO OF DRUM.

**Other Precautions:**  
DONT STORE NEAR SEEDS, FEEDS, FOOD STUFFS. AVOID CONTAMINATING WATER SOURCES. DONT ALLOW SPRAY DRIFTS TO CONTACT DESIRABLE PLANTS. DONT GRAZE ANIMALS ON TREATED AREAS. KEEP OUT OF REACH OF CHILDREN & ANIMALS. 2

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
N/K

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
N/K

**Upper Limits:**  
N/K

**Extinguishing Media:**  
FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL, OR WATER SPRAY

**Fire Fighting Procedures:**  
WEAR FULL PROTECTIVE GEAR.

**Unusual Fire/Explosion Hazard:**  
STRAY EXPOSED CONTAINERS TO PREVENT STEAM GENERATION.

## Physical/Chemical Properties

**HCC:**

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
212F 3

**Melt/Freeze Pt:**

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

**Decomp Temp:**

**Decomp Text:**  
N/K

**Vapor Pres:**  
18

**Vapor Density:**  
0.6

**Volatile Org Content %:**

**Spec Gravity:**  
1.02

**VOC Pounds/Gallon:**

**PH:** 7.7

**VOC Grams/Liter:**

**Viscosity:**  
N/P

**Evaporation Rate & Reference:**  
(BU AC = 1): 0.10

**Solubility in Water:**  
COMPLETE

**Appearance and Odor:**  
TRANSPARENT AMBER LIQUID W/NON-OFFENSIVE

**Percent Volatiles by Volume:**  
96.8%

**Corrosion Rate:**  
N/K

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
N/K

**Materials To Avoid:**  
ACID

**Hazardous Decomposition Products:**  
EMITS TOXIC FUMES OF FLUORIDES, NITRIC OXIDES, &SULFUR OXIDES

**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