

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-139/139-13-9.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

139-13-9

**Code:**

M

**RTECS:**

AJ0175000

**Code:**

M

**Name:**

NITRILOTRIACETIC ACID (SARA III)

**Other REC Limits:**

NOT ESTABLISHED

**OSHA PEL:**

NOT ESTABLISHED

**Code:**

M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**

NOT ESTABLISHED

**Code:**

M

**ACGIH STEL:**

N/P

**Code:**

## Control Measures

**Respiratory Protection:**

NORMALLY NOT NEEDED UNDER NORMAL USE AS DIRECTED.

**Ventilation:**

LOCAL/GENERAL TO MAINTAIN PEL/TLV.

**Protective Gloves:**

IMPERVIOUS

**Eye Protection:**

SAFETY GLASSES/GOGGLES

**Other Protective Equipment:**

Equipment PROTECTIVE CLOTHINGS.EYE-WASH FACILITIES

**Work Hygienic Practices:**

AVOID CONTACT WITH EYES AND SKIN;DO NOT BREATHE VAPORS/MIST.WASH THOROUGHLY AFTER EACH USE.

**Supplemental Safety and Health:**

WASH THOROUGHLY AFTER EACH USE.

## Health Hazards Data

**LD50/LC50 Mixture:**

N/K

**Route Of Entry Inds - Inhalation:**

N/P

**Skin:**

YES

**Ingestion:**

YES

**Carcinogenicity Inds - NTP:**

NO

**IARC:**

NO

**OSHA:**

NO

**Health Hazards Acute And Chronic:**

ACUTE:IRRITATION OF EYES AND SKIN.REDNESS OR BURNS OF EYES ARE POSSIBLE.PER MSDS SLIGHT HEALTH HAZARDS.CHRONIC:NO DATA AVAILABLE.

**Explanation Of Carcinogenicity:**

DATA PER MGF MSDS. 3

**Signs And Symptoms Of Overexposure:**

SEE HEALTH HAZARDS DATA.

**Medical Cond Aggravated By Exposure:**

PRE-EXISTING CONDITIONS MAY BE WORSEN.

**First Aid:**

EYES AND SKIN:FLUSH WITH LARGE AMOUNT OF WATER FOR ABOUT 15-20 MINUTES;SEEK MEDICAL ATTENTION IMMEDIATELY.

IMMEDIATELY. INHALATION: REMOVE TO FRESH AIR; CALL A PHYSICIAN. INGESTION: SEEK MEDICAL ATTENTION IMMEDIATELY.

**Spill Release Procedures:**

USE PROPER PERSONAL PROTECTION; USE SUITABLE INERT ABSORBENT MATERIAL AND COLLECT FOR PROPER DISPOSAL IN AN APPROVED CONTAINER.

**Neutralizing Agent:**

N/R

**Waste Disposal Methods:**

CONSULT LOCAL AUTHORITIES; DISPOSAL MUST BE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS

**Handling And Storage Precautions:**

STORE IN COOL, DRY AND WELL VENTILATED AREA. KEEP CONTAINER CLOSED WHEN NOT IN USE.

**Other Precautions:**

WASH THOROUGHLY AFTER EACH USE.

## Fire and Explosion Hazard Information

**Flash Point Method:**

N/P

**Flash Point:**

**Flash Point Text:**

NONE

**Autoignition Temp:**

**Autoignition Temp Text:**

N/A

**Lower Limits:**

N/R

**Upper Limits:**

N/R 4

**Extinguishing Media:**

NOT FLAMMABLE; USE CARBON DIOXIDE, FOAM, DRY CHEMICAL, OR WATER FOG IF APPLICABLE.

**Fire Fighting Procedures:**

FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

**Unusual Fire/Explosion Hazard:**

NONE EXPECTED

## Physical/Chemical Properties

**HCC:**

5 N1

**NRC/State LIC No:**

N/R

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**

212F,100C

**Melt/Freeze Pt:**

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

N/R

**Decomp Temp:**

**Decomp Text:**

UNKNOW

**Viscosity:**

N/P

**Evaporation Rate & Reference:**

1.0 (WATER=1)

**Solubility in Water:**

COMPLETE

**Appearance and Odor:**

PALE YELLOW, CLEAR,ODORLESS,AQUEOUS LIQUID

**Percent Volatiles by Volume:**

80.0

**Corrosion Rate:**

UNKNOWN

## Reactivity Data

**Stability Indicator:**

YES

**Stability Condition To Avoid:**

HIGH TEMPERATURES

**Materials To Avoid:**

STRONG ACIDS

**Hazardous Decomposition Products:**

CARBON DIOXIDE

**Hazardous Polymerization Indicator:**

NO

**Conditions To Avoid Polymerization:**

N/K

**Toxicological Information**

**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



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