

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-123/123-79-5.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

123-79-5

**Code:**

M

**RTECS:**

**Code:**

X

**Name:**

FATTY ACID ESTERS

**Other REC Limits:**

N/K

**OSHA PEL:**

N/K

**Code:**

M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**

N/K

**Code:**

M

**ACGIH STEL:**

N/P

**Code:**

## Control Measures

**Respiratory Protection:**

NORMALLY NOT REQUIRED IF ADEQUATE VENTILATION IS PRESENT. IF EXPOSURE LIMIT IS EXCEEDED, NIOSH/MESA APPROVED APPARATUS IS REQUIRED

**Ventilation:**

PROVIDE ADEQUATE LOCAL EXHAUST VENTILATION TO KEEP

**Protective Gloves:**

OIL RESISTANT NEOPRENE, PLASTIC

**Eye Protection:**

SAFETY GLASSES, GOGGLES

**Other Protective Equipment:**

Equipment OIL RESISTANT APRON 4

**Work Hygienic Practices:**

N/K

**Supplemental Safety and Health:**

N/K

## Health Hazards Data

**LD50/LC50/Mixture:**

N/K

**Route Of Entry Inds - Inhalation:**

YES

**Skin:**

YES

**Ingestion:**

YES

**Carcinogenicity Inds - NTP:**

NO

**IARC:**

NO

**OSHA:**

NO

**Health Hazards Acute And Chronic:**

INHALATION: DIZZINESS, NAUSEA, HEADACHE, & INCOORDINATION. EYE: REVERSIBLE. SKIN: IRRITATION, DERMATITIS OR OIL ACNE, RASH. INGESTION: BREATHING MISTS MAY CAUSE DIZZINESS OR PULMONARY IRRITATION.

**Explanation Of Carcinogenicity:**

NONE

**Signs And Symptoms Of Overexposure:**

INHALATION: DIZZINESS, NAUSEAS, HEADACHE, & INCOORDINATION. EYE: REVERSIBLE. SKIN: IRRITATION, DERMATITIS OR OIL ACNE, RASH. INGESTION: BREATHING MISTS MAY CAUSE DIZZINESS OR PULMONARY IRRITATION.

**Medical Cond Aggravated By Exposure:**

DERMATITIS, RASH

**First Aid:**

INHALATION: REMOVE PATIENT TO FRESH AIR/CONSULT PHYSICIAN. IF BREATHING IS DIFFICULT GIVE OXYGEN. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. EYES: FLUSH W/WATER AT LEAST 15 MINS. CONSULT PHYSICIAN. SKIN: WASH THOROUGHLY W/SOAP & WATER. CONSULT PHYSICIAN. INGESTION: DON'T INDUCE VOMITING. CONSULT PHYSICIAN.

**Spill Release Procedures:**

SHUT OFF IGNITION SOURCES. CONTAIN SPILL/KEEP FROM ENTERING WATERWAYS OR SEWERS. LARGE QUANTITIES CAN BE PUMPED. SMALL QUANTITIES MAY BE SOAKED UP ON INERT ABSORBANTS. 3

**Neutralizing Agent:**

N/K

**Waste Disposal Methods:**

DISPOSE OF IN ACCORDANCE W/STATE, LOCAL & FEDERAL REGULATIONS. MATERIALS MAY BECOME A HAZARDOUS WASTE THROUGH USE. IF PERMITTED, INCINERATION MAY BE PRACTICED. CONSIDER RECYCLING.

**Handling And Storage Precautions:**

NEVER USE A TORCH TO CUT OR WELD ON OR NEAR CONTAINER. EMPTY CONTAINERS CAN CONTAIN EXPLOSIVE VAPORS. NEVER WEAR OIL SOAKED SHOES.

**Other Precautions:**

N/K

## Fire and Explosion Hazard Information

**Flash Point Method:**

COC

**Flash Point:**

**Flash Point Text:**

250F

**Autoignition Temp:**

**Autoignition Temp Text:**

N/A

**Lower Limits:**

N/K

**Upper Limits:**

N/K

**Extinguishing Media:**

DRY CHEMICAL, CO<sub>2</sub>, & FOAM. FOAM MAY CAUSE FROTHING & SPATTERING.

**Fire Fighting Procedures:**

USE WATER SPRAY TO COOL CONTAINERS EXPOSED TO FLAMES. FIREFIGHTING PERSONNEL SHOULD WEAR RESPIRATORY PROTECTION.

**Unusual Fire/Explosion Hazard:**

N/K

## Physical/Chemical Properties

**HCC:**

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**

>300F

**Melt/Freeze Pt:**

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

N/K

**Decomp Temp:**

**Decomp Text:**

N/K

**Vapor Density:**

<1

**Percent Volatiles by Volume:**

>1

**Volatile Org Content %:**

**Spec Gravity:**

0.90

**VOC Pounds/Gallon:**

**pH:**

N/K

**VOC Grams/Liter:**

**Viscosity:**

N/P

**Evaporation Rate & Reference:**

(BU AC 1)

**Solubility in Water:**

NEGLIGIBLE

**Appearance and Odor:**

LIGHT AMBER LIQUID; PETROLEUM OIL ODOR

LIGHT AMBER LIQUID; PETROLEUM OIL ODOR

**Percent Volatiles by Volume:**

<5%

**Corrosion Rate:**

N/K

## Reactivity Data

**Stability Indicator:**

YES

**Stability Condition To Avoid:**

FLAMES, SPARKS OR HOT SURFACES

**Materials To Avoid:**

STRONG OXIDIZERS

**Hazardous Decomposition Products:**

CO, & OTHER COMBUSTION PRODUCTS: OF HYDROCARBONS.

**Hazardous Polymerization Indicator:**

NO

**Conditions To Avoid Polymerization:**

N/K

## Toxicological 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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