

# 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

**ACGIHSTEL:**  
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

**LD50LC50Mixture:**  
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 Symptions 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, CO2, & 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 Pres:**  
<1

**Vapor Density:**  
>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:**  
NEGILIGIBLE

**Appearance and 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

## 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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