

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-60/60-33-3.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
60-33-3  
**Code:**  
M

**RTECS:**  
RF9990000  
**Code:**  
M

**Name:**  
LINOLEIC ACID

**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:**  
NOT REQUIRED UNDER NORMAL CONDITIONS OF USE.

**Ventilation:**  
NORMAL

**Protective Gloves:**  
N/K

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

**Other Protective Equipment:**  
Equipment N/K

**Work Hygienic Practices:**  
PRACTICE NORMAL GOOD HOUSEKEEPING AND PERSONAL HYGIENE.

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

## Health Hazards Data

**LD50LC50Mixture:**  
ORAL LD50 (RATS): >5 G/KG

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

**Skin:**  
NO

**Ingestion:**  
NO

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
N/K

**Explanation Of Carcinogenicity:**  
NONE

**Signs And Symptions Of Overexposure:**  
N/K

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

**First Aid:**  
OBTAIN MEDICAL ATTENTION IN ALL CASES.

**Spill Release Procedures:**  
SOAK UP W/ABSORBENT, SAND OR SAWDUST. MOP W/WATER.

**Neutralizing Agent:**  
N/K 3

**Waste Disposal Methods:**  
PRODUCT IS BIODEGRADABLE. MAY BE INCINERATED OR REMOVED TO LANDFILL IN ACCORDANCE W/FEDERAL, STATE & LOCAL REGULATIONS.

**Handling And Storage Precautions:**  
KEEP CONTAINERS CLOSED AND AWAY FROM HEAT.

**Other Precautions:**  
N/K

## Fire and Explosion Hazard Information

**Flash Point Method:**  
COC

**Flash Point:**

**Flash Point Text:**  
350F

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
N/K

**Upper Limits:**  
N/K

**Extinguishing Media:**  
FOG, FOAM, CO2, DRY CHEMICAL

**Fire Fighting Procedures:**  
TREAT AS OIL FIRE, DON'T USE HIGH PRESSURE HOSES.

**Unusual Fire/Explosion Hazard:**  
N/K

## Physical/Chemical Properties

**HCC:**

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
547F

**Melt/Freeze Pt:**

**M.P/F.P Text:**  
14C

**Decomp Temp:**

**Decomp Text:**  
N/R

**Vapor Pres:**  
10

**Vapor Density:**  
N/R

**Volatile Org Content %:**

**Spec Gravity:**  
0.891

**VOC Pounds/Gallon:**

**PH:** N/K

**VOC Grams/Liter:**

**Viscosity:**  
N/P

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

**Solubility in Water:**  
INSOLUBLE

**Appearance and Odor:**  
GREEN, OILY LIQUID W/MILD FATTY ODOR

**Percent Volatiles by Volume:**  
N/R

**Corrosion Rate:**  
N/K

## Reactivity Data

**Stability Indicator:**  
YES

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

**Materials To Avoid:**  
STRONG OXIDIZING AGENTS OR STRONG ALKALIES

**Hazardous Decomposition Products:**  
N/K

**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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WARRANTY

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