

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-800/8002-33-3.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
8002-33-3  
**Code:**  
M

**RTECS:**  
Y08300000  
**Code:**  
M

**Name:**  
SULFONATED CASTER OIL (3-6%)

**Other REC Limits:**  
N/P

**OSHA PEL:**  
N/P  
**Code:**

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
N/P  
**Code:**

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

## Control Measures

**Respiratory Protection:**  
5 USE ADEQUATE VENTILATION

**Ventilation:**  
MECHANICAL VENTILATION RECOMMENDED

**Protective Gloves:**  
RUBBER

**Eye Protection:**  
CHEMICAL GOGGLES

**Other Protective Equipment:**  
Equipment N/P

**Work Hygienic Practices:**  
N/P

**Supplemental Safety and Health:**  
PRODUCT CANCELLED MARCH 1976.PRODUCT CONTANS:PINEOIL(<2%);NONIONIC WETTING AGENT(TRITON X-102)2-4%;SUCROSE LESS THAN 3%. PROD MEETS MIL-C-43616B-CL 2

## Health Hazards Data

**LD50LC50Mixture:**  
N/P

**Route Of Entry Inds - Inhalation:**  
N/P

**Skin:**  
N/P

**Ingestion:**  
N/P

**Carcinogenicity Inds - NTP:**  
N/P

**IARC:**  
N/P

**OSHA:**  
N/P

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

**Explanation Of Carcinogenicity:**  
N/P

**Signs And Symptions Of Overexposure:**  
SKIN & EYE IRRITANT

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

**First Aid:**  
EYES:FLUSH WITH COPIOUS AMOUNTS OF WATER FOR 15 MINS. CONSULT MD. WASH SKIN WITH SOAP & COPIOUS AMOUNTS OF WATER. 4

**Spill Release Procedures:**  
SOAK UP SPILL WITH ABSORBENT

**Neutralizing Agent:**  
N/P

**Waste Disposal Methods:**  
ATOMIZE IN INCINERATOR IN ACCORDANCE WITH LOCAL, STATE & FED, CODES

**Handling And Storage Precautions:**  
STORE INDOORS WITH CONTAINER CLOSED

**Other Precautions:**  
AVOID EXCESSIVE SKIN CONTACT

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
155F T.C.C.

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**

**Upper Limits:**

**Extinguishing Media:**  
CO\*2, FOAM, DRY CHEMICAL

**Fire Fighting Procedures:**  
N/P

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

## Physical/Chemical Properties

**HCC:**  
V4

**NRC/State LIC No:**  
N/A

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
N/A

**Melt/Freeze Pt:**

**M,P/F,P Text:**  
N/A

**Decomp Temp:**

**Decomp Text:**  
N/A

**Vapor Pres:**  
N/P

**Vapor Density:**  
N/P

**Volatile Org Content %:**

**Spec Gravity:**  
0.98

**VOC Pounds/Gallon:**  
6

**PH:** N/P

**VOC Grams/Liter:**

**Viscosity:**  
N/P

**Evaporation Rate & Reference:**

**Solubility in Water:**  
N/P

**Appearance and Odor:**  
CLEAR DARK BROWN LIQUID

**Percent Volatiles by Volume:**  
73.0

**Corrosion Rate:**  
N/P

## Reactivity Data

**Stability Indicator:**  
YES

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

**Materials To Avoid:**  
N/P

**Hazardous Decomposition Products:**  
OXIDES OF CARBON

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
N/P

## Toxicological Information

**Information:**N/P

## MSDS Transport Information

**Information:**N/P

## Regulatory Information

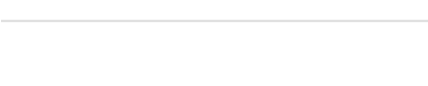
**Sara Title III Information:** N/P

**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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