

**MATERIAL SAFETY DATA SHEET**  
**ROSCO LM FLUID**

**I. PRODUCT IDENTIFICATION**

\*\*\*\*\*

**Manufacturer's Name:** ROSCO LABORATORIES INC.

**Regular Telephone No:** (203) 708-8900 Eastern Time  
(213) 462-2233 Pacific Time

Emergency No: (800) 424-9300

**Address:** 52 Harbor View Avenue, Stamford, CT 06902, USA

**Product Name:** ROSCO LM FLUID

**Synonyms:**

**II. INGREDIENT (s)**

\*\*\*\*\*

<b>Material or Component:</b>	<b>CAS</b>
Triethylene Glycol	112-27-6
De-ionized Water	

**Occupational exposure limits (PELs or TLVs) have not been established for any of the components of this products.**

**III. PHYSICAL DATA**

\*\*\*\*\*

**Boiling Point:** > 212°F (100 °C)                      **Melting Point:** Not Determined

**Specific Gravity (water = 1):** approx. 1.06                      **Vapor Pressure:** Not Determined

**Vapor Density (air = 1):** <1                      **Solubility:** Soluble in water

**% Volatiles by Vol.:** 10%                      **Evaporation Rate (N = 1):** < 1  
(N= butyl acetate)

**MATERIAL SAFETY DATA SHEET**  
**ROSCO LM FLUID**

**III . PHYSICAL DATA (Cont'd)**

\*\*\*\*\*

**Molecular Weight:** 18-150 (Range)

**Molecular Composition:** NA

**Freezing Point:** Not Determined

**pH:** approx. 7.0

**Appearance & Odor:** Colorless liquid, faint slightly sweet odor

**IV. FIRE FIGHTING MEASURES**

\*\*\*\*\*

**Flash Point:** Not Determined

**Autoignition Temp.:** Not Determined

**Flammable Limits in Air % by Vol.:** Not Determined

**Extinguishing Media:** Non-flammable aqueous liquid, all purpose foam (large fires), CO<sub>2</sub> or dry chemical (small fires)

**Special Fire Fighting Procedures:** NA

**Unusual Fire and Explosion Hazard:** Product will not burn.

**V. HEALTH HAZARD INFORMATION**

\*\*\*\*\*

**Routes of Exposure:** Inhalation, ingestion or dermal/eye contact

**Effects of Over-exposure**

**Ingestion:** This product is not an ingestion hazard when used under normal conditions. If accidentally ingested, vomiting, nausea and diarrhea may occur.

**Inhalation:** This product is not an inhalation hazard, however transient irritation can occur from exposure to high vapor or aerosol concentrations. Persons with asthma or reactive airway disorders (employees or spectators) should be warned that they may experience asthma-like effects from exposure to this or any aerosolized material.

**MATERIAL SAFETY DATA SHEET**  
**ROSCO LM FLUID**

**V. HEALTH HAZARD INFORMATION (Cont'd)**

\*\*\*\*\*

**Skin contact:** Direct contact with skin should not result in irritation or dermatitis.

**Eye contact:** Direct eye contact with liquid may cause transient mild reversible irritation.

**Chronic:** No chronic adverse health effects have been reported.

**Emergency and First Aid Procedures**

**Eyes:** If concentrated liquid contacts eyes, flush eyes with large amounts of water until material is removed from eyes. If irritation persists seek medical attention.

**Skin:** If concentrated liquid contacts skin, flush with water and wash with soap to remove residues. Remove contaminated clothing and wash before reuse. If skin irritation develops and persists, seek appropriate medical attention.

**Inhalation:** This product is not an inhalation hazard, however if irritation occurs from exposure to high vapor or aerosol concentrations, remove individual to fresh air.

**Ingestion:** Side effects of large oral doses could include mild headaches, dizziness, nausea, vomiting, diarrhea, and thirst. If large amounts are ingested, keep at rest and get prompt medical attention.

**VI. REACTIVITY DATA**

\*\*\*\*\*

**Conditions Contributing to Instability:** None

**Incompatibility:** Strong acids or bases

**Hazardous Decomposition Products:** None

**Conditions Contributing to Hazardous Polymerization:** None

**MATERIAL SAFETY DATA SHEET**  
**ROSCO LM FLUID**

**VII. SPILL OR LEAK PROCEDURES**

\*\*\*\*\*

**Steps to be taken if Material is Released or Spilled**

**Small Spills:** Can be flushed into sewer if permitted by local, state and federal regulations.

**Large Spills:** Restrict area to personnel need to contain and cleanup spill. Soak up with absorbent material and dispose of according to local, state or federal regulations

**Neutralizing Chemicals:** not applicable

**Waste Disposal Method:** Contact commercial chemical waste company to dispose of waste in accordance with federal, state, and local regulations.

**VIII. SPECIAL PROTECTION INFORMATION**

\*\*\*\*\*

**Ventilation Requirements**

General ventilation should be satisfactory under normal use conditions.

**Specific Personal Protective Equipment**

**Respiratory:** None required under normal use conditions.

**Eye:** No specific controls are required during normal use, however safety glasses can be used to prevent eye contact with concentrated liquid.

**Skin:** No specific controls or personal protective equipment required when used under normal conditions. If gloves are required, natural rubber or polyvinyl chloride-coated gloves are recommended.

**MATERIAL SAFETY DATA SHEET**  
**ROSCO LM FLUID**

**IX. SPECIAL PRECAUTIONS**

\*\*\*\*\*

**Precautionary Statements:** None

**Other Handling and Storage Requirements:** None

**X. REGULATORY INFORMATION**

\*\*\*\*\*

**Clean Air Act:** This material does not contain any hazardous air pollutants, Class I or II ozone depletors.

**Clean Water Act:** This material does not contain any chemicals listed as a hazardous substance, priority pollutant, or toxic pollutant under the Clean Water Act.

**SARA:** This material does not contain any materials that have a Reportable Quantity (RQ, Section 302) or is reportable under Section 313 of SARA.

**RCRA:** Not listed as a material banned from land disposal.

**International Regulations:** This material does not contain any material that is on the Canadian DSL/NDSL list. None of the ingredients in this material is on the Canadian Ingredient Disclosure List.

**California Proposition 65:** None of the constituents of this material is listed as having a significant risk level.

\*\*\*\*\*

Prepared by: Stan Miller, President

Address: ROSCO Laboratories, Inc.  
52 Harbor View Avenue  
Stamford, CT 06902 USA

Date: June 1, 2001