

**MATERIAL SAFETY DATA SHEET
ROSCO NEW HAZEMAKER FLUID**

I. PRODUCT IDENTIFICATION

Manufacturer's Name: ROSCO LABORATORIES, INC.

Regular Telephone No: (203) 708-8900 Eastern Time
(323) 462-2233 Pacific Time

Emergency No: (800) 424-9300
(nights/weekends)

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

Product Name: ROSCO NEW HAZEMAKER FLUID

Synonyms:

II. INGREDIENTS

Material or Component:	CAS
Polyethylene glycol 200	25322-68-3
De-ionized water	

Material(s) or Component (s): There are no ingredients in this product that meet the definitions of a hazardous material as determined in 29 CFR 1910.1200, Appendix B, (The Hazard Communication Standard).

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

III . PHYSICAL DATA

Boiling Point: 244.8°C (estimated)

Melting Point: -36 to -38 °C

Specific Gravity (water = 1): >1

Vapor Pressure: <0.01 mm Hg

Vapor Density (air = 1): >1

Solubility: Soluble in water

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III. PHYSICAL DATA (Cont'd)

% Volatiles by Vol.: 5% as water, < 0.01% VOCs

Evaporation Rate (N = 1): < 1
(N= butyl acetate)

Molecular Weight: 190-210 g/M

Molecular Composition: (C₂H₄O)_nH₂O

Freezing Point: <-65° C

pH: approx. 9-9.5

Density: 1.125 g/cm³

Appearance & Odor: Clear, colorless or slightly yellow-colored, bitter or slightly burning taste

IV. FIRE FIGHTING MEASURES

Flash Point: Not Determined

Autoignition Temp.: Will not auto-ignite

Flammable Limits in Air (% by Vol.): Not Determined

Extinguishing Media: Non-flammable aqueous liquid, all purpose foam (large fires), CO₂ or dry chemical (small fires)

Special Fire Fighting Procedures: Use air-supplied breathing apparatus when fighting fires in enclosed areas.

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.

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V. HEALTH HAZARD INFORMATION (Cont'd)

Inhalation: Non-irritating and non-lethal by inhalation. 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.

Skin contact: Prolonged skin contact with concentrated liquid can result in reversible irritation.

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: Induce vomiting. Keep at rest and get prompt medical attention.

VI. REACTIVITY DATA

Conditions Contributing to Instability: None

Incompatibility: Strong oxidizers and acids

Hazardous Decomposition Products: None

Conditions Contributing to Hazardous Polymerization: None

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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. If aerosol is used in a confined space, local exhaust ventilation may be used to control mist.

Specific Personal Protective Equipment

Respiratory: No specific controls are needed. If aerosol is used in confined space, an OSHA/NIOSH-approved respirator may be necessary.

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

Skin: No specific controls are needed, however gloves that are not water soluble, e.g. polyvinyl alcohol, can be used to prevent skin contact. Gloves are not generally needed when handling the concentrated liquid under normal use conditions.

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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 depleters.

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: This material is not listed as having a significant risk level.

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