

# ROSCO

ROSCO LABORATORIES INC., 36 BUSH AVE., PORT CHESTER, NEW YORK 10573 • (914) 937-1300 • TELEX: 131472  
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## MATERIAL SAFETY DATA SHEET

### I PRODUCT IDENTIFICATION

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Manufacturer's Name: ROSCO LABORATORIES INC

Regular Telephone No: (914) 937-1300 Emergency No: (203) 846-3760

Address: 36 BUSH AVENUE, PORT CHESTER, NEW YORK 10573

Product Name: ROSCO FOG FLUID

Synonyms: Rosco Fog and SmokeFluid

### II HAZARDOUS INGREDIENTS

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Material or Component :

Compound is unique in the marketplace, and proprietary. Operative components are all listed by the US Food and Drug Administration as "Generally Regarded as Safe" for use in food or in food packaging. Proprietary information is available at any time to licensed physicians for treatment of their patients.

### III PHYSICAL DATA

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Boiling Point (760 MM Hg): 212-470°F Melting Point: N/A

Specific Gravity (H2O=1): 1.12 Vapor Pressure: 8.4

Vapor Density (Air=1): 2.9 Solubility in Water  
(% by wt.): @ 70°F Complete

% Volatiles by Vol.: 16% Evaporation Rate: (N=1) .01 (N=BUTYL ACETATE)

Molecular Weight: \_\_\_\_\_ Molecular Formula: \_\_\_\_\_

Appearance & Odor: COLORLESS LIQUID WITH PLEASANT MILD ODOR.

IV FIRE AND EXPLOSION DATA

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Flash Point: 212° F Cleveland Open CUP Autoignition Temp.: 360° C  
Combined Value

Flammable Limits in Air % by Vol.:            Lower: 1.7 Upper: 12.5

Extinguishing Media: WATER FOG, ALCOHOL FOAM, DRY CHEMICAL

Special Fire Fighting Procedures: NONE

Unusual Fire And Explosion Hazard: NONE

V HEALTH HAZARD INFORMATION

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Routes of Exposure

INHALATION: THE LOW VOLATILITY OF CHEMICALS IN THIS FORMULATION MAKES IT UNLIKELY THAT SIGNIFICANT QUANTITIES WILL BE ABSORBED BY THIS ROUTE UNDER MOST CONDITIONS OF USE. DURATION OF EXPOSURE SHOULD BE LIMITED. WHERE CONTINUOUS EXPOSURE TO HIGH CONCENTRATIONS OF FOG IS REQUIRED PROFESSIONALLY, THEN A CANISTER-TYPE PARTICLE MASK APPROPRIATE FOR PARTICLE SIZES OF 10 TO 20 MICRONS SHOULD BE EMPLOYED.

Skin Absorption: SUBSTANCE IS NOT ABSORBED THROUGH SKIN.

Ingestion: VERY LOW DOSE TOXICITY. THE SINGLE "ACUTE ORAL TOXICITY" STUDY CONDUCTED INDICATES AN LD50 VALUE GREATER THAN 5 GRAMS PER KILOGRAM.

EFFECTS OF OVEREXPOSURE

Acute: LOW ACUTE TOXICITY WHETHER BY THE ORAL OR INHALATION ROUTE.

Skin Contact: MAY CAUSE SLIGHT IRRITATION OF AREAS EXPOSED TO LIQUID.

Eye Contact: MAY STING IF SPLASHED IN EYES. WASHING WITH WATER SHOULD PROVIDE IMMEDIATE RECOVERY

Chronic: LONG TERM EFFECTS ARE NOT KNOWN TO RESULT FROM EXPOSURE BY INHALATION OR BY SKIN CONTACT.

Emergency and First Aid Procedures

Eyes: IN CASE OF EYE CONTACT WITH LIQUID, IRRIGATION OF THE EYE IMMEDIATELY WITH LARGE AMOUNTS OF WATER IS GOOD SAFETY PRACTICE.

Skin: ALTHOUGH SHORT TERM CONTACT WILL PROBABLY CAUSE NO EFFECTS, WASH OFF IN FLOWING WATER AND REMOVE CONTAMINATED CLOTHING.

Inhalation: REMOVE PERSONS SYMPTOMATIC FROM AEROSOL INHALATION TO FRESH AIR.

Ingestion: LOW IN TOXICITY, INDUCE VOMITING IMMEDIATELY, CONSULT MEDICAL PERSONNEL IF SYMPTOMS PERSIST.

Notes to Physician: INJURY IS UNLIKELY WITH AT MOST MILD IRRITATION AT AREA OF CONTACT AND SPONTANEOUS RECOVERY IS EXPECTED. NO SPECIFIC ANTIDOTE. TREATMENT BASED ON SOUND JUDGMENT OF PHYSICIAN AND INDIVIDUAL REACTION OF THE PATIENT.

VI REACTIVITY DATA  
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Conditions Contributing to Instability: STABLE COMPOUND

Incompatibility: OXIDIZING MATERIALS

Hazardous Decomposition Products: NONE

Conditions contributing to Hazardous Polymerization: DOES NOT OCCUR

VII SPILL OR LEAK PROCEDURES  
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STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

Small Spills: COVER WITH ABSORBENT MATERIAL AND SWEEP INTO DRUM.

Large Spills: DAM TO PREVENT WATER POLLUTION, USE VACUUM TRUCK TO RECOVER.

Neutralizing Chemicals: N/A

Waste Disposal Method: DISPOSE IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.

VIII SPECIAL PROTECTION INFORMATION  
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Ventilation Requirements: GOOD ROOM VENTILATION IS ADEQUATE FOR MOST CIRCUMSTANCES.

Specific Personal Protective Equipment

Respiratory (specify in detail): NONE LIKELY TO BE REQUIRED. IN THE CASE OF DAY-TO-DAY PROFESSIONAL USE, SEE V (Inhalation) ABOVE.

Eye: PROTECT EYES FROM EXPOSURE TO LIQUID

Gloves: PROTECT SKIN FROM EXCESSIVE EXPOSURE TO LIQUID

Other Clothing and Equipment: PRACTICE REASONABLE CAUTION TO REDUCE SKIN CONTACT.

IX SPECIAL PRECAUTIONS  
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Precautionary Statements: N/A

Other Handling and storage Requirements: N/A

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