MATERIAL SAFETY DATA SHEET
PRODUCT IDENTIFICATION
2015

Product Name: Pro Fog Fluid
Manufacturers Name: LC Group
422 chemin des Prairies
Joliette, Québec
Canada, J6E 4J8
450-755-6091

Product use: Pro Fog Fluid has been specially manufactured for use in Chemical Fog or Smoke Machines designed for use in Theatrical stage application. Pro Fog Fluid provides a dense smoke effect that hangs in the air to accentuate the beams of light in theatrical applications.

HAZARD IDENTIFICATION

Pro Fog Fluid is a proprietary mixture of very low toxicity ingredients that are commonly used in food additives, food packaging and cosmetics. All ingredients are essentially non toxic, and Generally regarded as safe by the Canadian Food and Drug Administration. Proprietary information is available to any licensed physician solely for the treatment of patients.

COMPONENT	EXPOSURE LIMITS ppm	
	OSAH : PEL	ACGIT : TLV
Proprietary formula :	N/D	N/D

PHYSICAL PROPERTIES

Boiling Point: 221.4 C
Melting Point: N/D
Freezing Point: N/A
Solubility in Water: 100%
Vapor Pressure: 20C
Vapor Density (air=1)
% volatile: 0
Specific gravity (water=1): 1.08672 at 20/20 C
Evaporation Rate: (butyl acetate=1)<0.001
Odor threshold: 0
Appearance and odor: transparent colorless liquid; under normal conditions no odor. Under high vapor concentrations sweet odor may be detected.

FIRE AND EXPLOSION DATA

Flash point : N/D grater than 165 C PMCC
Flammable limits in air: N/A
Auto ignition temperature: N/D
Extinguishing Media: large fires use all-purpose foam, small fires dry chemical
Special fire fighting procedures: N/A
Unusual fire and explosion hazards: none presently known

HAZARDOUS REACTIVITY

Stability
Hazardous polymerization: will not occur
Conditions to avoid: none currently know
Material to avoid: strong acids or oxidizing agents

HEALTH HAZARD DATA

Primary routes of Exposure: N/D

1. Inhalation: Exposure to normal quantities show no adverse effects of either liquid or fog.
2. Skin absorption: No adverse effects unless submerged in liquid for prolonged duration

3. Ingestion: May cause pain or discomfort in abdomen, lower lumbar region nausea, vomiting, diarrheal, dizziness, drowsiness.
4. Eye contact: May cause mild discomfort, redness.

FIRST AID MEASURES

1. Inhalation: Normally no adverse effects, if shortness of breath occurs remove to fresh air.
2. Eye contact: Flush eyes thoroughly with water. Contact physician
3. Skin contact: Wash with soap and water
4. Ingestion: If patient is fully conscious give 2 glasses of water and induce vomiting. Call physician without delay
5. Notes to physician: ingestion of large quantities of liquid could result in metabolic acidosis, correction with bicarbonate bay be required

ACCIDENTAL RELEASE MEASURES

1. Action to take for spills: small spills may be flushed with large quantities of water. Large spills should be dammed to prevent run off and collected with an absorbent material and recovered for disposal
2. Neutralizing chemicals: N/A
3. Waste disposal methods: incinerate in an approved furnace where permitted by Federal, Provincial and local regulations.

HANDLING AND PERSONAL PROTECTION

1. Handling & storage: No specific precautions or hazards
2. Ventilation: No special ventilation is required where indoor air quality is adequate under local regulatitons. When used in confined spaces without ventilation such as in firefighting training applications canister type particle masks with 10 to 20 micron filtration should be used.
3. Eye protection: When handling liquid eye protection should be worn to avoid splashing of liquid in eyes
4. Skin protection: Gloves and aprons of neoprene ma be used when handling liquid to prevent exposure.

The beliefs expressed herein are those of competent specialist within the field of toxicology & chemistry. These include details of independent scientific studies and toxicology reports. The material contained herein is current as of the date of the material safety sheet. Since the use of this material and the conditions of the use of the product are not within the control of the manufacturer, it is the user's obligation to determine the conditions of the use o the product safely.