

**Section I****MATERIAL SAFETY DATA SHEET**

Supplier's Name: **MUTUAL LIQUID GAS & EQUIP. CO., INC.**

Address: **17117 So. Broadway, Gardena, CA 90248**

Chemical Name: **LIQUEFIED PETROLEUM GAS or PROPANE**

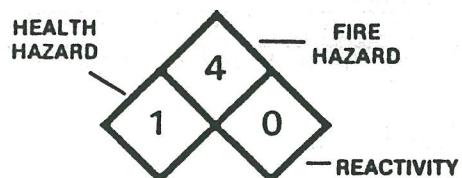
CAS Registry No.: **74-98-6** Chemical Family: **Hydrocarbon**

Emergency  
Phone Number: **1-800-633-8253**

Formula: **C<sub>3</sub>H<sub>8</sub>**

**WARNING:** Danger! Extremely flammable. Compressed Gas Asphyxiant in high concentrations. Contact with liquid causes burns similar to frost bite. OSHA permissible exposure limit (PEL) 1000 ppm for an 8-hour workday.

**Appearance and Odor:** Vapor and liquid are colorless. Product contains an odorant (unpleasant odor).



4 — Severe  
3 — Serious  
2 — Moderate

1 — Slight  
0 — Minimal

**Section II****HAZARDOUS INGREDIENTS**

Hazardous Mixtures: **Air with 2.15 to 9.60 percent propane**

**Section III****PHYSICAL DATA**

Boiling Point: **-44 °F**

Specific Gravity (H<sub>2</sub>O = 1): **0.51**

Vapor Density (air = 1): **1.52**

Solubility in Water: **Slightly**

Vapor Pressure (PSIG) at 100 °F: **205**

Percent, Volatile by Volume (%): **100**

Evaporation rate: **Gas at normal ambient temperatures**

**Section IV****FIRE AND EXPLOSION HAZARD DATA**

Flash Point: **-156 °F (CC)**

Classification: **Flammable Gas UN 1075**

Flammable Limits - LFL: 2.15 UFL: 9.60 Extinguishing Media: **Water spray-Class A-B-C or BC fire extinguisher.**

Special Fire Fighting Procedures: **Stop flow of gas. Use water to keep fire exposed containers cool. Use water spray to disperse unignited gas or vapor. If ignition has occurred and no water available, tank metal may weaken from overheating. Evacuate area. If gas has not ignited, LP-gas liquid or vapor may be dispersed by water spray or flooding.**

Decomposition Products under Fire Conditions: **Fumes, smoke, carbon monoxide, aldehydes and other decomposition products, in the case of incomplete combustion or when used as an engine fuel.**

**"EMPTY" Container Warning:** **"Empty" containers retain residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.** Do not attempt to clean since residue is difficult to remove. All containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

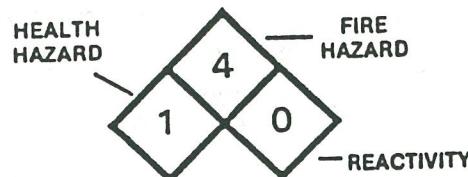
**Section V****HEALTH HAZARD**

OSHA P.E.L.: **1000 PPM** ACGIH TLV: **1000 PPM** Effects of Overexposure: **Inhalation - concentrations can lead to symptoms ranging from dizziness to anesthesia and respiratory arrest. Eyes - moderate irritation. Emergency & First Aid procedures: Inhalation - remove to fresh air. Guard against self injury. Apply artificial respiration if breathing has stopped.**

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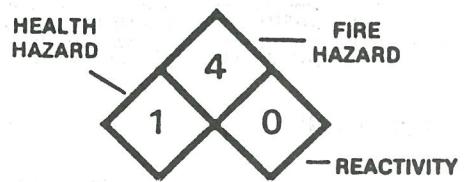
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