



# Material Safety Data Sheet



### HMIS

Health Hazard	1
Fire Hazard	4
Reactivity	0

PPE (See Section 15)



## Section 1. Chemical Product and Company Identification

Trade Name	<b>Propane Torch Cylinder</b>	Code	NA
		CAS #	74-98-6
Manufacturer	Haztech Systems, Inc. PO Box 929 Mariposa, CA 95338	RTECS	Not available.
		TSCA	TSCA 8(b) inventory: Proapne
Commercial Name	Propane		
Synonyms	Liquified Petroleum Gas, LPG	CI #	

In case of emergency contact CHEMTREC  
(24 hours) at 800-424-9300

HazTech Systems, Inc. 800-543-5487

Chemical Formula C3H8

Supplier Spectrum Chemical Mfg. Corp.  
14422 S. San Pedro St.  
Gardena, CA 90248

## Section 2. Composition and Information on Ingredients

Name	CAS #	Exposure Limits		CEIL (mg/m3)	% by Weight
		TWA (mg/m3)	STEL		
Propane	74-98-6	1000 ppm	1500 ppm		100%

Toxicological Data on Ingredients Propane LD50: Not available. LC50: Not available.

## Section 3. Hazards Identification

Potential Acute Health Effects Health studies have shown that many petroleum hydrocarbons and synthetic lubricants pose potential human health risks which may vary from person to person. As a precaution, exposure to liquids, vapors, mists or fumes should be minimized.

Potential Chronic Health Effects CARCINOGENIC EFFECTS: Not available. MUTAGENIC EFFECTS: Not available. TERATOGENIC EFFECTS: Not available. DEVELOPMENTAL TOXICITY: Not available.

## Section 4. First Aid Measures

Eye Contact	Exposure to rapidly expanding gas or vapourizing liquid may cause frostbite (cold burns) and permanent eye damage. Seek medical attention.
Skin Contact	Exposure to rapidly expanding gas or vapourizing liquid may cause frostbite (cold burns). Seek medical attention.
Inhalation	May cause central nervous system disorder (e.g. loss of coordination, weakness, fatigue, mental confusion and blurred vision) and/or damage. Breathing high vapour concentrations (saturated vapours) for a few minutes may be fatal. Saturated vapours can be encountered in confined spaces and/or under conditions of poor ventilation. May cause irritation, breathing failure, coma and death without any warning odour being sensed. If overcome by vapor, remove from exposure and call a physician immediately. If breathing is irregular or has stopped, start resuscitation, administer oxygen, if available. Seek medical attention.
Ingestion	Exposure to rapidly expanding gas or vapourizing liquid may cause frostbite (cold burns). Seek medical attention.

## Section 5. Fire and Explosion Data

Flammability	Flammable.
Auto-Ignition Temperature	Not applicable.
Flash Point	Not applicable.
Flammable Limits	LEL 2.15% - UEL 9.80%
Products of Combustion	CO, CO <sub>2</sub> , H <sub>2</sub> O
Fire Hazards in Presence of Various Substances	Not applicable.
Explosion Hazards in Presence of Various Substances	Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.
Fire Fighting Media and Instructions	SMALL FIRE: Dry chemical powder or CO <sub>2</sub>
Special Remarks on Fire Hazards	Shut off gas at source if possible. If leak is uncontrolled, evacuate area.

## Section 6. Accidental Release Measures

Small Spill Disperse vapors with appropriate ventilation.

## Section 7. Handling and Storage

Precautions If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes

Storage Keep in HazCat Kit.

## Section 8. Exposure Controls/Personal Protection

Engineering Controls Use in a well ventilated area.

Personal Protection Gloves and goggles.

## Section 9. Physical and Chemical Properties

Physical State and Appearance	Gas	Volatility	100% @STP
Molecular Weight	Not available	Odor Threshold	Not available
pH (1% Solution in Water)	Not available	Water/Oil Dist. Coeff.	Not available
Boiling Point	-440 F	Ionicity (in Water)	Not available
Melting Point	Not available	Dispersion Properties	Not available
Critical Temperature	Not available	Solubility	Not available
Specific Gravity	0.51 (Water =1)	Odor	Stenched to detect leaks
Vapor Pressure	9825 mmHg @ 100 F	Taste	Not available
Vapor Density	1.62 (Air = 1)	Color	Colorless

## Section 10. Stability and Reactivity Data

Stability	Product is stable.	Corrosivity	Non-corrosive in presence of glass.
Instability Temperature	Not available.	Special Remarks on Corrosivity	Not available.
Conditions of Instability	Not available.	Polymerization	Will not polymerize.
Incompatibility with Various Substances	Oxidizers, ignition sources.		

## Section 11. Toxicological Information

Route of Entry	Eye contact. Inhalation. Ingestion.
Toxicity to Animals	Not available.
Chronic Effects on Humans	Health studies have shown that many petroleum hydrocarbons and synthetic lubricants pose potential human health risks which may vary from person to person. As a precaution, exposure to liquids, vapors, mists or fumes should be minimized.
Other Toxic Effects on Humans	Not available.
Special Remarks on Toxicity to Animals	Not available.
Special Remarks on Chronic Effects on Humans	Not available.
Special Remarks on Other Toxic Effects on Humans	Not available.

## Section 12. Ecological Information

Ecotoxicity	Not available.
BOD5 and COD	Not available.
Products of Biodegradation	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Toxicity of the Products of Biodegradation	The products of degradation are more toxic.
Special Remarks on the Products of Biodegradation	Not available.

**Section 13. Disposal Considerations**

Waste Disposal Recycle to process, if possible. Consult your local or regional authorities.

**Section 14. Transport Information**

DOT Classification Liquefied Petroleum Gas, 2.1, UN 2075

Identification Not applicable.

Special Provisions  
for Transport Not applicable.

**Section 15. Other Regulatory Information and Pictograms**

Federal and State Regulations TSCA 8(b) inventory: Propane

California Proposition 65 Warnings

Other Regulation OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

Other classifications WHMIS (Canada) Not available.

DSCL (EEC) Not available.

**Section 16. Other Information**

Part Number(s) Not applicable.

References Not available.

Other Special Considerations Not available.

Validated by R. Houghton 5/13/02

Verified by R. Turkington

Call 1-800-543-5487

**Notice to Reader**

All chemicals may pose unknown hazards and should be used with caution. This Material Safety Data Sheet (MSDS) applies only to the material as packaged. If this product is combined with other materials, deteriorates, or becomes contaminated, it may pose hazards not mentioned in this MSDS. It shall be the user's responsibility to develop proper methods of handling and personal protection based on the actual conditions of use. While this MSDS is based on technical data judged to be reliable, Haztech Systems, Inc. assumes no responsibility for the completeness or accuracy of the information contained herein.