

### Section 1: Product and Company Identification

**Absolute Accuracy**  
4591 S Wayside Dr  
Houston, TX 77087  
(832) 571-2387

Product Code: Propane  
Part Number: 334

### Section 2: Hazards Identification



**Danger**

**Hazard Classification:**

Flammable (Category 1)  
Gases Under Pressure

**Hazard Statements:**

Contains gas under pressure; may explode if heated  
Extremely flammable gas

**Precautionary Statements**

**Prevention:**

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

**Response:**

Eliminate all ignition sources if safe to do so.  
Leaking gas fire: Do not extinguish, unless leak can be stopped safely.

**Storage:**

Protect from sunlight.  
Store in well-ventilated place.

### Section 3: Composition/Information on Ingredients

CAS #  
74-98-6

**Chemical Substance**

**PROPANE**

## Section 4: First Aid Measures

**Skin Contact**

If frostbite or freezing occur, immediately flush with plenty of lukewarm water (105-115 F; 41-46 C). DO NOT USE HOT WATER. If warm water is not available, gently wrap affected parts in blankets. Get immediate medical attention.

## Section 5: Fire Fighting Measures

**Suitable Extinguishing Media**

Regular dry chemical, high expansion foam Large fires: Flood with fine water spray.

## Section 6: Accidental Release Measures

**Personal Precautions**

Keep unnecessary people away, isolate hazard area and deny entry. Ventilate closed spaces before entering. Do not touch.

**Methods for Cleanup**

Contact emergency personnel

## Section 7: Handling and Storage

**Handling**

Store and handle in accordance with all current regulations and standards. Grounding and bonding required. Subject to special handling requirements.

## Section 8: Exposure Controls/Personal Protection

**Exposure Guidelines**

**PROPANE: 1000 ppm (1800 mg/m<sup>3</sup>) OSHA TWA 1000 ppm (1800 mg/m<sup>3</sup>) NIOSH recommended TWA 10 hour(s) LIQUIFIED**

**Engineering Controls**

Handle only in fully enclosed systems.

**Eye Protection**

**For the gas: Eye protection not required, but recommended. For the liquid: Wear splash resistant safety goggles. Contact emergency personnel in case of contact with eyes.**

**General Hygiene considerations**

- Avoid breathing vapor or mist
- Avoid contact with eyes and skin
- Wash thoroughly after handling and before eating or drinking

## Section 9: Physical and Chemical Properties

<b>Physical State</b>	<b>Appearance</b>
Gas	Clear

<b>Flash Point</b>	<b>Flammability</b>
-157 F (-105 C)	Not available

Boiling Point	Freezing Point	Vapor Pressure	Vapor Density	Specific Gravity	Water Solubility	pH	Odor Threshold	Evaporation Rate	Viscosity
-40 F (-40 C)	-310 F (-190 C)	6398 mmHg @ 21.1 C	1.55 (Air=1)	0.5853 @ -45 C	Very slightly soluble	Not applicable	5000-20000 ppm	Not applicable	Not available

<b>Molecular Weight</b>	<b>Molecular Formula</b>
44.11	C-H3-C-H2-C-H3

## Section 10: Stability and Reactivity

<b>Stability</b>
Stable at normal temperatures and pressure.

<b>Hazardous Decomposition Products</b>
Oxides of carbon

## Section 11: Toxicology Information

### Acute Effects

<b>Oral LD50</b>
LC50 Inhalation Gas. Rat >800000 ppm 15 minutes

<b>Eye Irritation</b>
Liquid: frostbite, blurred vision

### Chronic Effects

<b>Carcinogenicity</b>
Not available

## Section 12: Ecological Information

### Fate and Transport

<b>Eco toxicity</b>
Fish toxicity: Not available Invertebrate toxicity: Not available Algal toxicity: Not available Phyto toxicity: Not available Other toxicity: Not available

## Section 13: Disposal Considerations

Dispose in accordance with all applicable regulations. Subject to disposal regulations: U.S. EPA 40 CFR 262. Hazardous Waste
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## Section 14: Transportation Information

U.S. DOT 49 CFR 172.101

Proper Shipping Name	ID Number
Propane	UN1978

### Canadian Transportation of Dangerous Goods

Shipping Name
Propane

## Section 15: Regulatory Information

### U.S. Regulations

#### CERCLA Sections

Not regulated.

#### SARA 370.21

##### Acute

Yes

#### SARA 372.65

Not regulated.

#### OSHA Process Safety

Not regulated.

### State Regulations

#### CA Proposition 65

Not regulated.

### Canadian Regulations

#### WHMIS Classification

A, B1.

### National Inventory Status

#### US Inventory (TSCA)

Listed on inventory.

## Section 16: Other Information

### NFPA Rating

HEALTH=2 FIRE=4 REACTIVITY=0

0 = minimal hazard, 1 = slight hazard, 2 = moderate hazard, 3 = severe hazard, 4 = extreme hazard