

5. Reactivity Data (Continued)

Conditions to Avoid:

None

Hazardous Decomposition or Byproducts:

Carbon monoxide, Carbon dioxide

Other Reactivity Data:

N/A

6. Health Hazard Data

Route(s) of Entry:	Eye contact Yes	Skin Contact Yes	Skin Absorption No
	Inhalation Yes	Ingestion No	

Health Hazards:

Acute

Propane is relatively nontoxic. Simple hydrocarbons can irritate the eyes, mucous membranes and respiratory system at high concentrations. Inhalation of high concentrations may cause dizziness, disorientation, decreased coordination, narcosis, nausea or narcotic effects. Propane may displace oxygen if released in a confined space. Maintain oxygen levels above 19.5% to prevent asphyxiation. Product is a simple asphyxiant. Effects of oxygen deficiency may include any, all or none of the following: rapid breathing, diminished mental alertness, impaired muscle coordination, blurred speech, and fatigue. As asphyxiation progresses; nausea, vomiting, and loss of consciousness may occur, eventually leading to convulsions, coma and death.

Chronic

N/A

Carcinogenicity:

NTP No	IARC Monographs No	OSHA No
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Signs and Symptoms of Exposure and Emergency First Aid Procedures:

Eye Contact

None anticipated. Simple hydrocarbons can irritate the eyes.

If pain is present, seek attention of an ophthalmologist for further treatment.

Skin Contact

None anticipated, product is a gas at room temperature.

Remove contaminated clothing and flush area with cold water. Seek medical attention if irritation persists.

Inhalation

Simple hydrocarbons can irritate the mucous membranes and respiratory system at high concentrations. Inhalation of high concentrations may cause dizziness, disorientation, decreased coordination, narcosis, nausea, or narcotic effects. Propane may displace oxygen if released in a confined space. Maintain oxygen levels above 19.5% to prevent asphyxiation. Product is a simple asphyxiant. Effects of oxygen deficiency may include any, all or none of the following: rapid breathing, diminished mental alertness, impaired muscle coordination, blurred speech, and fatigue. As asphyxiation progresses; nausea, vomiting, and loss of consciousness may occur, eventually leading to convulsions, coma and death.

Conscious victim should be assisted to an uncontaminated area and allowed to inhale fresh air. Unconscious victim should be moved to an uncontaminated area and given assisted respiration and supplemental oxygen.

8. Control Measures (Continued)

Ventilation:

Local exhaust to prevent propane accumulation sufficient to reduce oxygen concentration below 19.5% and propane concentration below the exposure limit.

Other Protective Clothing or Equipment:

Safety shoes, safety shower, eyewash.

9. Regulatory Information

Propane is listed under the accident prevention provisions of section 112(r) of the Clean Air Act (CAA) with a threshold quantity (TQ) of 10,000 pounds.

SARA TITLE III NOTIFICATIONS AND INFORMATION

SARA Title III – Section 313 Supplier Notification:

This product does not contain toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act (EPCRA) of 1986 and 40 CFR 372.

SARA Title III – Hazard Classes:

Acute Health Hazard
Fire Hazard
Sudden Release of Pressure Hazard

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