

**Western Petroleum Company
9531 West 78th Street
Eden Prairie, MN 55344**

**MATERIAL SAFETY DATA SHEET
PROPANE (LPG, HD-5)**

EMERGENCY SPILL INFORMATION: 1-800-424-9300

IMPORTANT COMPONENTS: Propane (CAS 74-98-6) ACGIH classed as a simple Asphyxiant. OSHA PEL 1,000 ppm.

WARNING STATEMENT: Danger! Extremely flammable. Compressed gas. Asphyxiant in high concentrations. Contact with liquid causes burns similar to frostbite.

HMIS/NFPA CODES: (HEALTH;1) (FLAMMABILITY;4) (REACTIVITY;0)

APPEARANCE AND ODOR: Colorless gas; natural gas odor.

HEALTH HAZARD INFORMATION

EYE

EFFECT: Liquid can cause burns similar to frostbite.
FIRST AID: Contact with liquid: Immediately flush eyes with plenty of water for at least 15 minutes, then get immediate medical attention.
PROTECTION: Do not get in eyes. Wear chemical goggles.

SKIN

EFFECT: Liquid can cause burns similar to frostbite.
FIRST AID: Contact with liquid: Immediately flush with plenty of tepid water (105-115 degrees F; 41-46 degrees C). DO NOT USE HOT WATER. Get prompt medical attention.
PROTECTION: Avoid skin contact. As needed to prevent contact with liquid -- wear gloves, impervious clothing and face shield.

INHALATION

EFFECT: Asphyxiant in high concentrations. See Toxicology Section.
FIRST AID: If adverse effects occur, remove to uncontaminated area. Give artificial respiration if not breathing. Give oxygen if breathing is difficult. Get immediate medical attention.
PROTECTION: Avoid breathing vapor. Use with adequate ventilation. If ventilation is inadequate, use supplied-air respirator approved by NIOSH/MSHA.

INGESTION

EFFECT: Ingestion of liquid can cause burns similar to frostbite.
FIRST AID: If swallowed, get immediate medical attention.

FIRE AND EXPLOSION INFORMATION

FLASHPOINT: -156 Degrees F, (CC)
FLAMMABLE LIMITS: UPPER: 9.5% LOWER: 2.1%
AUTOIGNITION TEMPERATURE: 842 Degrees F
EXTINGUISHING MEDIA: Stop flow of gas if possible; if not, allow to burn. Do not direct water into liquid spill. Dry chemical can be used.
UNUSUAL FIRE & EXPLOSION HAZARDS: Product gives off vapors that are heavier than air which can travel considerable distances to a source of ignition and flashback. Extinguishment of fire before source of vapor is shut off can create an explosive mixture in air. Extremely flammable vapor/mixtures form.
PRECAUTIONS: Keep away from ignition sources (e.g. heat, sparks and open flames/) Use with adequate ventilation. Ground and bond all lines and equipment.

REACTIVITY INFORMATION

STABILITY: Burning can be started easily.

CHEMICAL AND PHYSICAL PROPERTIES

BOILING POINT: -44 Degrees F
MELTING POINT: -306 Degrees F
SOLUBILITY IN WATER: Slight, 0.1 to 1.0%
SPECIFIC GRAVITY (WATER = 1): 0.51, @ 60 Degrees F
VAPOR PRESSURE: 132
VAPOR DENSITY (AIR = 1): 1.56 @ 32 Degrees F

STORAGE AND ENVIRONMENTAL PROTECTION

STORAGE REQUIREMENTS: Store away from heat, ignition sources, and open flame in accordance with applicable Federal, State, or Local regulations. Keep container closed. Outside storage is recommended. Do not store in areas containing flammable or combustible products.
SPILLS AND LEAKS: Remove or shut off all sources of ignition. Increase ventilation, if possible. Water spray can be used to absorb vapors. Isolate area.
WASTE DISPOSAL: Disposal must be in accordance with applicable Federal, State, or Local regulations. Insure dissipation of gas below the lower explosive limit. Consult local ordinances for compliance.
SPECIAL PRECAUTIONS: Avoid strong oxidizers.

TOXICOLOGICAL INFORMATION

Specific toxicity tests have not been conducted on this product. Our hazard evaluation is based on information from similar products, the ingredients, technical literature, and/or professional experience.

Propane may reduce the oxygen concentration in the air below life support levels. Symptoms of lack of oxygen include increased depth and frequency of breathing, air hunger, dizziness, headache, nausea, or loss of consciousness.

No component of this product is identified as a carcinogen by NTP, IARC or OSHA.

REGULATORY INFORMATION

CERCLA REPORTABLE QUANTITY: This product is not reportable under 40CFR Part 302.4.

DOT SHIPPING DESCRIPTION: Liquefied Petroleum Gas, 2.1, UN1075

OSHA HAZARD COMMUNICATION STANDARD: Flammable gas. Compressed gas. Contains a component listed by ACGIH. Contains a component listed by OSHA.

RCRA STATUS: This product is not subject to the 40 CFR Part 268.30 land ban on the disposal of certain hazardous wastes.

SARA STATUS: This product is regulated under the following section(s) of SARA Title III, 42 USC 9601. Spills or releases of the product may be reportable as determined by the information given below:
SECTIONS 311 AND 312 OF SARA AND 40 CFR PART 370:
This product is defined as hazardous by OSHA under 20 CFR Part 1910.1200(d).

TSCA STATUS: All of the components of this product are listed on the TSCA Inventory.

This Material Safety Data Sheet and the information it contains, is offered to you in good faith as accurate. We have reviewed any information contained in this data sheet which we received from sources outside our company. We believe that information to be correct but cannot guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as a permission or recommendation for the use of any product in a manner that might infringe existing patents. No warranty is made, either express or implied.