



Safety Data Sheet

Propane Revised 5/18/22

- Section 1 Chemical Product and Company Information

SUPPLIER'S NAME	NOCO ENERGY CORP
SUPPLIER'S ADDRESS	2440 Sheridan Drive., Tonawanda, NY 14150
SUPPLIER NUMBER	1-800-500-6626
SUPPLIER IDENTIFIER	Propane
EMERGENCY PHONE NUMBER	1-800-424-9300 Chemtrec
SYNONYM	Liquified Petroleum Gas (LPG),
PRODUCT USE	Fuel for heating, forklift trucks, welding, etc

Section 2 Hazards Identification

GHS Classification:

Flammable Gases – Category 1
Gases Under Pressure – Liquified Gas
Simple Asphyxiant – Category 1

GHS Label Elements:

Symbols:



Signal Words: Danger

Hazard Statement: H380 - May displace oxygen and cause rapid suffocation
H220 - Extremely flammable gas
H280 - Contains gas under pressure; may explode if heated

GHS Precautionary Statements

Prevention:

P210: Keep away from heat/sparks/open flames/hot surfaces. -- No smoking
P377: Leaking gas fire: Do not extinguish, unless leak can be stopped safely
P381: In case of leaking gas fire, eliminate all ignition sources, if safe to do so
P403: Store in well ventilated place
P410 + P403: Protect from sunlight. Store in a well-ventilated place



Safety Data Sheet

Propane Revised 5/18/22

Section 3 Composition/Information on Ingredients

Component	CAS No.	Amount (Vol %)
Propane	74-98-6	95 – 100
Ethane	74-84-0	0 – 5
1-Propene (Propylene)	115-07-1	0 – 5
Butane	106-97-8	0 – 2.5
Ethyl Mercaptan	75-08-1	< 0.1

Section 4 First Aid Measures

SPECIFIC FIRST AID PROCEDURES

SKIN CONTACT-Contact with rapidly expanding or liquified gas may cause irritation and/or frostbite. If on skin, wash with plenty of water. If needed, seek immediate medical attention. Do not rub affected area. Wash with soap and water for 20 minutes.

INGESTION-If swallowed, **do NOT induce vomiting**. Call a doctor or poison control center immediately. Never give anything by mouth to an unconscious person. Get medical attention immediately. Not a normal route of exposure

INHALATION-Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, remove victim to fresh air and keep at rest in a position for comfortable breathing. Get immediate medical attention.

EYE CONTACT-Flush eye with large amounts of water for 15 minutes. Get medical attention.

Section 5 Fire Fighting Measures

- **EXTINGUISHING MEDIA**

The following media may be used to extinguish a fire involving this material: Water spray; foam; Carbon dioxide; DO NOT use a heavy water stream

- **FIRE FIGHTING INSTRUCTIONS**

Leaking gas fire; Do NOT extinguish, unless leak can be STOPPED SAFELY. Eliminate ALL ignition sources, if safe to do so. Fight fire remotely due to risk of explosion. Do not direct water at source of leak, icing may occur

- **PROTECTION DURING FIREFIGHTING**

Wear positive pressure self-contained breathing apparatus (SCBA); Structural firefighters' protective clothing will provide limited protection. Always wear thermal protective clothing when handling refrigerated/cryogenic liquids.

Section 6 Accidental Release Measures

ACTIVATE FACILITY SPILL CONTINGENCY or EMERGENCY PLAN

Use special care to avoid static electric charge; Eliminate every possible source of ignition. Ruptured cylinders may rocket. Isolate hazard and deny entry to unnecessary and unprotected personnel. Stop leak if you can do it without risk. All equipment used when handling the product must be grounded.



Safety Data Sheet

Propane Revised 5/18/22

Prevent entry into waterways, sewers, basements, or confined areas. Isolate areas until gas has dispersed.

Section 7 Handling and Storage

- **HANDLING**

Use only in a well-ventilated area. Avoid breathing gas. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Pressurized container – Do not pierce or burn, even after use.

- **STORAGE**

Keep away from heat, sparks, and flame. Store out of direct sunlight. Keep container closed when not in use. Store in a well ventilated place. Consult NFPA and / or OSHA codes for additional information.

Section 8 Exposure Controls and Personal Protection

Consult With a Health and Safety Professional for Specific Selections

Exposure Guidelines

Propane (CAS No: 74-98-6)

ACGIH: Simple asphyxiant; Explosion hazard
OSHA: 1,000 ppm (TWA), 1,800 mg/m³ (TWA)

Ethane (CAS No: 74-84-0)

ACGIH: Simple asphyxiant; Explosion hazard
OSHA: No PEL established

1-propene (Propylene) (CAS No: 115-07-1)

ACGIH: 500 ppm (TWA); A4 (2005)
OSHA: No PEL established

Butane (CAS No: 106-97-8)

ACGIH: 1,000 ppm (STEL); Explosion hazard
OSHA: 800 ppm (TWA)

PEL-Permissible Exposure Limit
TWA-Time weighted Average

- **ENGINEERING CONTROLS**

Use with adequate ventilation. Ensure exposure is below occupational exposure limits

- **PERSONAL PROTECTION**

- **EYE PROTECTION**

Splash-Proof safety goggles and splash shields where there is any possibility of product coming in contact with the eyes. Do not wear contact lenses.

- **GLOVES or HAND PROTECTION**

Wear insulated neoprene gloves; consult manufacturer's specifications for further information

- **RESPIRATORY PROTECTION**

Ventilation may be used to reduce airborne concentrations. If ventilation cannot reduce airborne concentrations below acceptable limits, appropriate respiratory protection should be used. Use



Safety Data Sheet

Propane Revised 5/18/22

NIOSH certified respiratory equipment or SCBA when limits are exceeded. Consult a qualified Industrial Hygienist or Safety Professional for respirator selection guidance.

Section 9 Physical /Chemical Properties

APPEARANCE.....	Liquified gas; colorless
INITIAL BOILING POINT.....	- 44 degrees F
BOILING POINT.....	- 44 degrees F
FLASH POINT.....	-154 degrees F (Closed Cup)
AUTO IGNITION TEMPERATURE.....	840 degrees F
SOLUBILITY.....	Insoluble
FLAMMABILITY(gas).....	Extremely flammable
EXPLOSIVE LIMITS.....	2.1 – 9.5 vol %
EVAPORATION RATE.....	Rapid
ODOR AND APPEARANCE.....	Odorless, unless odorized with ethyl mercaptan (skunk-like odor)
pH.....	not applicable
VAPOUR PRESSURE.....	1435 kPa (max) @ 100 degrees F
VAPOUR DENSITY (air=1).....	1.52 (Air = 1)

Section 10 Stability and Reactivity Data

CHEMICAL STABILITY.....	Stable under normal conditions
INCOMPATIBLE MATERIALS.....	Strong Oxidizers
CONDITIONS TO AVOID.....	Avoid heat, sparks, and open flame
CONDITIONS OF REACTIVITY.....	Stable under normal conditions.
HAZARDOUS DECOMPOSITION PRODUCTS.....	Combustion may produce CO and CO ²
HAZARDOUS POLYMERIZATION.....	Not likely to occur

Section 11 Toxicological Information

Toxicity Data and Information

Inhalation

May cause respiratory tract irritation, dizziness, drowsiness; May cause asphyxiation

Ingestion

Not a normal route of exposure

Skin Contact

May cause frostbite burns to the skin and eyes

Eye Contact

Cause eye irritation; May cause frostbite burns

Section 12 Ecological Information

This material may be harmful to human, animal, and aquatic life if spilled on soil or in water. Keep out of sewers, drainage areas, and waterways. Report releases under Federal and State regulations.

Section 13 Disposal Considerations

Follow federal, state, and local regulations for disposal.



Safety Data Sheet

Propane Revised 5/18/22

Section 14 Transportation Information

PROPER SHIPPING NAME..... Petroleum gases, liquified
HAZARD CLASS and PACKING GROUP..... Class 2.1
DOT IDENTIFICATION NUMBER..... UN 1075

Section 15 Regulatory Information

US FEDERAL, STATE, and LOCAL REGULATORY INFORMATION

This product and its constituents listed herein are on the EPA TSCA Inventory. Any spill or uncontrolled release of this product, including any substantial threat of release, may be subject to federal, state and or local reporting requirements. This product and/or its constituents may also be subject to other federal, state, or local regulations. Consult the regulations applicable to your facility/operation.

CERCLA SECTION 103 and SARA SECTION 304 (RELEASE TO THE ENVIRONMENT)

This product contains no SARA 313 reportable chemicals.

Section 16 Other Information

DATE UPDATED..... 05/18/22

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