



SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	1789	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	QUICK LUBE	EMERGENCY TELEPHONE:	1-800-241-8180
PRODUCT DESCRIPTION:	Sanitary Lubricant for Food Processing & Handling Equipment	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification

GHS CLASSIFICATION: Flammable aerosols: Category 2 Gases under pressure: Liquefied gas	SIGNAL WORD: WARNING	SYMBOL:		
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HAZARD STATEMENTS:

H223 Flammable aerosol.
H280 Contains gas under pressure; may explode if heated.

PRECAUTIONARY STATEMENTS:

Prevention:

P210 Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.
P211 Do not spray on an open flame or other ignition source.
P251 Pressurized container: Do not pierce or burn, even after use

Storage: P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.

POTENTIAL HEALTH EFFECTS:

Carcinogenicity:

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

3. Composition / Information on Ingredients

CHEMICAL NAME	CAS	Concentration % by Weight
Propane	74-98-6	>= 5 - < 10
Butane	106-97-8	>= 5 - < 10

4. First Aid Measures

EMERGENCY OVERVIEW

GENERAL: Move out of dangerous area. Show this safety data sheet to the doctor in attendance. Do not leave the victim unattended.

EYES: Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist. Rinse immediately with plenty of water for at least 15 minutes.

SKIN: If skin irritation persists, call a physician. Wash off immediately with plenty of water for at least 15 minutes. If on clothes, remove clothes.

INHALATION:

Consult a physician after significant exposure. If unconscious place in recovery position and seek medical advice.

INGESTION:

Keep respiratory tract clear. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. DO NOT induce vomiting unless directed to do so by a physician or poison control center. Take victim immediately to hospital.

5. Fire-Fighting Measures

SUITABLE FIRE EXTINGUISHING MEDIA:

Alcohol-resistant foam. Carbon dioxide (CO₂). Dry chemical. Water spray jet.

UNSUITABLE FIRE EXTINGUISHING MEDIA:

High volume water jet.

HAZARDOUS COMBUSTION PRODUCTS:

Carbon dioxide (CO₂), Carbon monoxide. Smoke.

SPECIFIC FIRE-FIGHTING METHODS:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

Wear self-contained breathing apparatus for firefighting if necessary.

FURTHER INFORMATION:

Standard procedure for chemical fires.

6. Accidental Release Measures

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware

of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

ENVIRONMENTAL PRECAUTIONS:

Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP:

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up or vacuum up spillage and collect in suitable container for disposal.

7. Handling and Storage

ADVICE ON SAFE HANDLING:

Avoid exposure - obtain special instructions before use. Avoid contact with skin and eyes. For personal protection see Section 8. Smoking, eating and drinking should be prohibited in the application area. Do not breathe vapours or spray mist. Take precautionary measures against static discharges. Provide sufficient air exchange and/or exhaust in workrooms. Dispose of rinse water in accordance with local and national regulations. Always replace cap after use.

CONDITIONS FOR SAFE STORAGE:

BEWARE: Aerosol is pressurized. Keep away from direct sun exposure and temperatures over 50°C. Do not open by force or throw into fire, even after use. Do not spray on flames or red-hot objects. No smoking. Observe label precautions. Keep in a dry, cool and well-ventilated place. Electrical installations / working materials must comply with the technological safety standards.

MATERIALS TO AVOID:

Oxidizing agents.

8. Exposure Controls / Personal Protection

Components	CAS	Value Type (form of exposure)	Control Parameters/Permissible Concentration	Basis
Propane	74-98-6	TWA	1,000 ppm	ACGIH
		TWA	1,000 ppm	NIOSH REL
			1,800 mg/m ³	
		TWA	1,000 ppm	OSHA Z-1
			1,800 mg/m ³	
		TWA	1,000 ppm	OSHA P0
Butane	106-97-8	TWA	1,800 mg/m ³	
			800 ppm	NIOSH REL
			1,900 mg/m ³	
		TWA	800 ppm	OSHA P0
		1,900 mg/m ³		

PERSONAL PROTECTIVE EQUIPMENT:



EYE PROTECTION: Ensure that eyewash stations and safety showers are close to the workstation location. Tightly fitting safety goggles

SKIN PROTECTION: Impervious clothing. Choose body protection according to the amount and concentration of the dangerous substance at the work place.

RESPIRATORY PROTECTION: In case of insufficient ventilation, wear suitable respiratory equipment.

HAND PROTECTION: The suitability for a specific workplace should be discussed with the producers of the protective gloves.

HYGIENE MEASURES: Wash hands before breaks and at the end of workday. When using do not eat or drink. When using do not smoke.

9. Physical & Chemical Properties

Appearance:	Aerosol containing a liquefied gas.		
Color:	White.	Explosive Limit – lower (%):	Not available.
Odor:	Odorless	Explosive Limit – upper (%):	Not available.
Odor Threshold:	Not available.	Vapor Pressure:	No data available.
pH:	Not applicable.	Relative Vapor Density:	No data available.
Melting/Freezing Point:	No data available.	Solubility (ies):	Insoluble.
Evaporation Rate:	No data available.	Auto-Ignition Temperature:	Not determined.
Partition Coeff (n-octanol/water):	Not available.	Thermal Decomposition:	Not available.
Viscosity, kinetic:	Not available.	Density:	0.860 g/cm ³
Heat of Combustion:	43.98 kJ/g	Flash Point:	Not applicable.
Boiling Point:	No data available.		

10. Stability & Reactivity Information

REACTIVITY:

Stable.

CHEMICAL STABILITY:

Stable under normal conditions.

POSSIBILITY OF HAZARDOUS REACTIONS:

No decomposition if stored and applied as directed. Vapours may form explosive mixture with air.

INCOMPATIBLE MATERIALS:

Oxidizing agents.

CONDITIONS TO AVOID:

Heat, flames and sparks. Extremes of temperature and direct sunlight.

DECOMPOSITION PRODUCTS:

Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

11. Toxicological Information

ACUTE TOXICITY:

No data available.

SKIN CORROSION/IRRITATION:

No data available.

SERIOUS EYE DAMAGE/EYE IRRITATION:

No data available.

RESPIRATORY OR SKIN SENSITIZATION:

No data available.

GERM CELL MUTAGENICITY:

No data available.

CARCINOGENICITY:

No data available.

REPRODUCTIVE TOXICITY:

No data available.

propane:

butane:

STOT - single exposure:

No data available.

STOT - repeated exposure:

No data available.

ASPIRATION TOXICITY:

No data available.

FURTHER INFORMATION

Product: Remarks: no data available.

12. Ecological Information

ECOTOXICITY:

No data available.

PERSISTENCE AND DEGRADABILITY:

No data available.

BIOACCUMULATIVE POTENTIAL:

Product: Partition coefficient: n-octanol/water Remarks: no data available.

Components: **butane** Partition coefficient: n-octanol/water Pow: 2.89.

MOBILITY IN SOIL:

No data available.

OTHER ADVERSE EFFECTS:

No data available.

PRODUCT: Regulation: 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances
Remarks: This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

ADDITIONAL ECOLOGICAL INFORMATION:

No data available.

13. Disposal Consideration

WASTE FROM RESIDUES:

Dispose of in accordance with local regulations.

CONTAMINATED PACKAGING:

Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transportation Information

TRANSPORTATION REGULATION: 49 CFR (USA):

ORM-D, CONSUMER COMMODITY

TRANSPORTATION REGULATION: IMDG (Vessel):

UN1950, AEROSOLS, 2.1, - Limited quantity

TRANSPORTATION REGULATION: IATA (Cargo Air):

UN1950, Aerosols, flammable, 2.1, - Limited quantity

TRANSPORTATION REGULATION:

IATA (Passenger Air): UN1950, Aerosols, flammable, 2.1, - Limited quantity

TRANSPORTATION REGULATION:

TDG (Canada): UN1950, AEROSOLS, 2.1, - Limited quantity

15. Regulatory Information

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity:

This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards:

Fire Hazard. Sudden Release of Pressure Hazard.

SARA 302:

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313:

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis)

reporting levels established by SARA Title III, Section 313.

California Prop 65:

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

The components of this product are reported in the following inventories:

- TSCA** On TSCA Inventory
- DSL** All components of this product are on the Canadian DSL.
- AICS** On the inventory, or in compliance with the inventory
- NZIoC** Not in compliance with the inventory
- PICCS** Not in compliance with the inventory
- IECSC** Not in compliance with the inventory

Inventory Acronym and Validity Area Legend:

AICS (Australia), DSL (Canada), IECSC (China), REACH (European Union), ENCS (Japan), ISHL (Japan), KECI (Korea), NZIoC (New Zealand), PICCS (Philippines), TSCA (USA)

16. Other Information

N/A = Not Applicable; N/D = Not Determined

NFPA	Health Hazards: 3	Flammability: 3	Instability: 0	Physical & Chemical Properties:
HMIS	Health Hazards: 3	Flammability: 3	Physical hazards: 2	Personal protection:

DISCLAIMER:

To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.