





SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER:	1719	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	XL 866	EMERGENCY TELEPHONE:	1-800-241-8180
PRODUCT DESCRIPTION:	Aerosol Chain and Cable Lubricant	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 1 Gases under pressure : Liquefied gas	SIGNAL WORD: DANGER	SYMBOL:		
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HAZARD STATEMENTS:
H222 Extremely flammable aerosol.
H280 Contains gas under pressure; may explode if heated.

PRECAUTIONARY STATEMENTS:
Prevention: P210 Keep away from heat/sparks/open flames/hot surfaces. 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.
P403 Store in a well-ventilated place.
Disposal: Dispose of contents/container in accordance with local regulation.

POTENTIAL HEALTH EFFECTS:
Carcinogenicity:
IARC: No component of this product presents 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 presents 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 presents 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 presents 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	>= 10 - < 20
Butane	106-7-8	>= 5 - < 10
Naphtha (petroleum), hydrotreated light	64742-49-0	>= 1 - < 5
Acetone	67-64-1	>= 1 - < 5

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. If on clothes, remove clothes. Wash off immediately with plenty of water for at least 15 minutes.
INHALATION:
If unconscious place in recovery position and seek medical advice. If symptoms persist, call a physician.
INGESTION:
Keep respiratory tract clear. DO NOT induce vomiting unless directed to do so by a physician or poison control center. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

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 HAZARDS ARISING FROM THE CHEMICAL:
Do not allow run-off from firefighting to enter drains or watercourses.

SPECIFIC FIRE-FIGHTING METHODS:
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. For safety reasons in case of fire, cans should be stored separately in closed containments. Use a water spray to cool fully closed containers.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS:
Wear self-contained breathing apparatus for firefighting if necessary.

6. Accidental Release Measures

PERSONAL PRECAUTIONS:

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 & CLEANUP:

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

7. Handling and Storage

SAFE HANDLING:

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

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. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions. Keep in a cool, well-ventilated place. Electrical installations / working materials must comply with the technological safety standards.

MATERIALS TO AVOID:

Strong oxidizing agents.

8. Exposure Controls / Personal Protection

Components	CAS No	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	
Butane	106-97-8	TWA	1,000 ppm	OSHA P0
			1,800 mg/m ³	
		TWA	800 ppm	NIOSH REL
Acetone	67-64-1	TWA	1,900 mg/m ³	NIOSH REL
			800 ppm	
		TWA	800 ppm	OSHA P0
			1,900 mg/m ³	
		TWA	500 ppm	ACGIH
		STEL	750 ppm	ACGIH
		TWA	250 ppm	NIOSH REL
		TWA	590 mg/m ³	
			1,000 ppm	OSHA Z-1
		TWA	2,400 mg/M ³	
			750 ppm	OSHA P0
		STEL	1,800 mg/m ³	OSHA P0
		1,000		
		2,400 mg/m ³		

BIOLOGICAL OCCUPATIONAL EXPOSURE LIMITS:

Component	CAS No	Control Parameters	Biological Specimen	Sampling Time	Permissible Concentration	Basis
2-propanone	67-64-1	Acetone	Urine	End of shift (as soon as possible after exposure ceases)	50 mg/l	ACGIH BEI

PERSONAL PROTECTIVE EQUIPMENT:



Eye Protection: Ensure that eyewash stations and safety showers are close to the workstation location. Safety glasses.

Skin Protection: Hand: The suitability for a specific workplace should be discussed with the producers of the protective gloves. Skin/Body: Impervious clothing. Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Respiratory Protection: Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.

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

9. Physical & Chemical Properties

Appearance:	Aerosol containing a liquefied gas.	Flammability (solid/gas):	Extremely flammable aerosol.
Color:	Black, green.	Explosive Limit – lower (%):	No data available.
Odor:	Solvent like.	Explosive Limit – upper (%):	No data available.
Odor Threshold:	No data available.	Vapor Pressure:	No data available.
pH:	Not applicable.	Density:	No data available.
Melting/Freezing Point:	No data available.	Relative Vapor Density:	No data available.
Boiling Point:	No data available.	Solubility (water):	Insoluble.
Partition Coeff (n-octanol/water):	No data available.	Auto-Ignition Temperature:	Not determined.

Flash Point:	No data available.	Thermal Decomposition:	No data available.
Evaporation Rate:	No data available.	Solubility (other solvents):	Not determined.
Viscosity, kinematic:	No data available.	Heat of Combustion:	46.08 kJ/g

10. Stability & Reactivity Information

REACTIVITY:

Stable.

CHEMICAL STABILITY:

Stable under normal conditions

POSSIBILITY OF HAZARDOUS REACTIONS:

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

INCOMPATIBLE MATERIALS:

Strong oxidizing agents.

CONDITIONS TO AVOID:

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

HAZARDOUS DECOMPOSITION PRODUCTS:

Hydrocarbons. Carbon oxides.

11. Toxicological Information

ACUTE TOXICITY:

Components	Species	Test Results	Exposure Time
Propane			
Acute			
<i>Inhalation</i>			
LC50	Mouse	1,237 mg/l	2 h
	Rat	658 mg/l	4 h
	Rat	1,355 mg/l	
Butane			
Acute			
<i>Inhalation</i>			
LC50	Mouse	1,237 mg/l	2 h
	Rat	1,355 mg/l	
Acetone			
Acute			
<i>Dermal</i>			
LD50	Guinea pig	>7,426 mg/kg	
	Rabbit	>7,426 mg/kg	
<i>Inhalation</i>			
LC50	Rat	132 mg/l	3 h
	Rat	50.1 mg/l	
<i>Oral</i>			
LD50	Rat	5,800 mg/kg	

SKIN CORROSION/IRRITATION:

May cause skin irritation and/or dermatitis.

SERIOUS EYE DAMAGE/IRRITATION:

May irritate eyes.

RESPIRATORY OR SKIN SENSITIZATION:

No data available.

GERM CELL MUTAGENICITY:

No data available.

CARCINOGENICITY:

No data available.

REPRODUCTIVE TOXICITY:

No data available.

propane:

butane:

Naphtha (petroleum), hydrotreated light:

acetone:

STOT - single exposure:

No data available.

STOT - repeated exposure:

No data available.

ASPIRATION TOXICITY:

No data available.

FURTHER INFORMATION:

No data available.

12. Ecological Information

ECOTOXICITY:

No data available.

PERSISTENCE AND DEGRADABILITY:

No data available.

BIOACCUMULATIVE POTENTIAL:

Partition coefficient: n- octanol/water: No data available.

Butane: **Partition coefficient: n-ocantol/water: Pow:** 2.89

MOBILITY IN SOIL:

No data available.

OTHER ADVERSE EFFECTS:

No data available.

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:**

Do not dispose of waste into sewer. Do not contaminate ponds, waterways or ditches with chemical or used container. The product should not be allowed to enter drains, water courses or the soil.

CONTAMINATED PACKAGING:

Empty remaining contents. Dispose of as unused product. Do not reuse empty containers. Do not burn, or use a cutting torch on, the empty drum.

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**

Components	CAS No	Component RQ (lbs)	Calculated Product RQ (lbs)
Acetone	67-64-1	5000	*

*: Calculated RQ exceeds reasonably attainable upper limit.

SARA 304 EXTREMELY HAZARDOUS SYBSTANCES REPORTABLE QUANTITY:

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

SARA 311/312 HAZARDS:

Sudden Release of Pressure Hazard. Fire Hazard.

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

WARNING! This product contains a chemical known to the State of California to cause cancer.

ethylbenzene 100-41-4

benzene 71-43-2

naphthalene 91-20-3

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

toluene 108-88-3

benzene 71-43-2

THE COMPONENTS OF THIS PRODUCT ARE REPORTED IN THE FOLLOWING INVENTORIES:

TSCA: On TSCA Inventory.

DSL: This product contains one or several components that are not on the Canadian DSL nor NDSL.

AICS: Not 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), TCSI (Taiwan), TSCA (USA)

16. Other Information**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.