





# SAFETY DATA SHEET

## 1. Product and Company Identification

<b>PRODUCT NUMBER:</b>	1719	<b>COMPANY PHONE:</b>	1-800-241-8180
<b>PRODUCT NAME:</b>	XL 866	<b>EMERGENCY TELEPHONE:</b>	1-800-241-8180
<b>PRODUCT DESCRIPTION:</b>	Aerosol Chain & Cable Lubricant	<b>INFOTRAC:</b>	1-800-535-5053
<b>COMPANY INFORMATION:</b>	<b>PRO CHEM, INC.</b> 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

## 2. Hazards Identification

<b>GHS CLASSIFICATION:</b> Flammable aerosols: Category 1 Gases under pressure: Liquefied gas	<b>SIGNAL WORD:</b> <b>DANGER</b>	<b>SYMBOL:</b>		
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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, 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.  
**Disposal:** P501: Dispose of contents/container in accordance with local regulation.

## 3. Composition / Information on Ingredients

CHEMICAL NAME	CAS	Concentration % by Weight
Propane	74-98-6	>= 10 - < 20
Butane	106-97-8	>= 5 - < 10
Naphtha (petroleum), hydrotreated light	64742-49-0	>= 1 - < 5
Acetone	67-64-1	>= 1 - < 5

The exact percentages of disclosed substances are withheld as trade secrets.

## 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. Get medical attention if symptoms occur.

**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. Remove contaminated clothing and shoes. Wash off immediately with plenty of water for at least 15 minutes. Wash contaminated clothing before reuse.

### 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.

### MOST IMPORTANT SYMPTOMS & EFFECTS, BOTH ACUTE & DELAYED:

Effects may be delayed, symptoms may include minor eye or skin irritation. Overexposure may cause mild eye or skin irritation.

### NOTE TO PHYSICIAN:

Treat symptomatically. Symptoms may be delayed.

## 5. Fire Fighting Measures

### SUITABLE FIRE EXTINGUISHING MEDIA:

Alcohol-resistant foam. Carbon dioxide (CO<sub>2</sub>). Dry chemical.

### UNSUITABLE FIRE EXTINGUISHING MEDIA:

High volume water jet.

### HAZARDOUS COMBUSTION PRODUCTS:

Carbon dioxide (CO<sub>2</sub>). Carbon monoxide. Smoke.

### SPECIFIC FIRE-FIGHTING METHODS:

Do not allow run-off from firefighting to enter drains or watercourses. 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 workrooms. 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. 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 <sup>3</sup>	
		TWA	1,000 ppm	OSHA Z-1
			1,800 mg/m <sup>3</sup>	
		TWA	1,000 ppm	OSHA P0
Butane	106-97-8		1,800 mg/m <sup>3</sup>	
		PEL	1,000 ppm	CAL PEL
			1,800 mg/m <sup>3</sup>	
		TWA	800 ppm	NIOSH REL
			1,900 mg/m <sup>3</sup>	
		TWA	800 ppm	OSHA P0
Acetone	67-64-1		1,900 mg/m <sup>3</sup>	
		PEL	800 ppm	CAL PEL
			1,900 mg/m <sup>3</sup>	
		TWA	250 ppm	ACGIH
			500 ppm	ACHIG
		TWA	250 ppm	NIOSH REL
			590 mg/m <sup>3</sup>	
		TWA	1,000 ppm	OSHA Z-1
			2,400 mg/m <sup>3</sup>	
2-Propanone	67-64-1	TWA	750 ppm	OSHA P0
			1,800 mg/m <sup>3</sup>	
		STEL	1,000 ppm	OSHA P0
			2,400 mg/m <sup>3</sup>	
		C	3,000 ppm	CAL PEL
		PEL	500 ppm	CAL PEL
		1,200 mg/m <sup>3</sup>		

### 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)	25 mg/l	ACGIH BEI

### APPROPRIATE ENGINEERING CONTROLS:

Effective ventilation in all processing areas.

### PERSONAL PROTECTIVE EQUIPMENT:



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

**Skin Protection:** Hand Protection: Protective gloves. The suitability for a specific workplace should be discussed with the producers of the protective gloves. Skin & Body Protection: 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

<b>Appearance:</b>	Aerosol containing a liquefied gas.	<b>Flammability (solid/gas):</b>	Extremely flammable aerosol.
<b>Color:</b>	Black, green.	<b>Explosive Limit – lower (%):</b>	No data available.
<b>Odor:</b>	Solvent like.	<b>Explosive Limit – upper (%):</b>	No data available.
<b>Odor Threshold:</b>	No data available.	<b>Vapor Pressure:</b>	No data available.
<b>pH:</b>	Not applicable.	<b>Density:</b>	No data available.
<b>Melting/Freezing Point:</b>	No data available.	<b>Relative Vapor Density:</b>	No data available.
<b>Boiling Point:</b>	No data available.	<b>Solubility (water):</b>	Insoluble.
<b>Partition Coeff (n-octanol/water):</b>	No data available.	<b>Auto-Ignition Temperature:</b>	Not determined.
<b>Flash Point:</b>	No data available.	<b>Thermal Decomposition:</b>	No data available.
<b>Evaporation Rate:</b>	No data available.	<b>Viscosity, Kinematic:</b>	No data available.
<b>Heat of Combustion:</b>	46.08 kJ/g	<b>Solubility in Other Solvents:</b>	Not determined.

## 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

### POTENTIAL HEALTH EFFECTS:

**Aggravated Medical Condition:** None known.

**Symptoms of Overexposure:** Effects may be delayed, symptoms may include minor eye or skin irritation.

### 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.

### ACUTE TOXICITY:

Components:	Species	Test Results	Exposure Time
<b>Acetone</b>			
<b>Acute</b>			
<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 irritate skin.

### 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.

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

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, watercourses 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, FLAMMABLE

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, FLAMMABLE

2.1 - Limited quantity

The product as delivered to the customer conforms to packaging requirements for shipment by road under US Department of Transportation (DOT) regulations. Additional transportation classifications noted above are for reference only, and not a certification or warranty of the suitability of the packaging for shipment under these alternative transport regulations.

**15. Regulatory Information****TSCA LIST:**

No substances are subject to a Significant New Use Rule.

No substances are subject to TSCA 12(b) export notification requirements.

**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	5,000	*

\*: Calculated RQ exceeds reasonably attainable upper limit.

**SARA 304 Extremely Hazardous Substances Reportable Quantity:**

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

**SARA 311/312 Hazards:**

Flammable (gases, aerosols, liquids or solids).

Gases under pressure.

**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 can expose you to chemicals including ethylbenzene, benzene, naphthalene, which is/are known to the State of California to cause cancer, and toluene, benzene, which is/are known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

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

**DSL:** This product contains the following components listed on the Canadian NDSL. All other components are on the Canadian DSL.

**TSCA:** On TSCA Inventory.

For information on the country notification status for other regions please contact the manufacturer's regulatory group.

**INVENTORY ACRONYM AND VALIDITY AREA LEGEND:**

TSCA (USA), DSL (Canada), NDSL (Canada)

**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.