SAFETY DATA SHEET

1. Product and Company Identification

PRODUCT NUMBER: 2723

PRODUCT NAME: LITHO-LUBE

PRODUCT DESCRIPTION: Extreme Pressure, Lithium Complex Multipurpose Lubricant

COMPANY INFORMATION: **PRO CHEM, INC.**
1475 Bluegrass Lakes Parkway
Alpharetta, GA 30004

COMPANY PHONE: 1-800-241-8180

EMERGENCY TELEPHONE: 1-800-241-8180

INFOTRAC: 1-800-535-5053

2. Hazards Identification

GHS CLASSIFICATION:	SIGNAL WORD:	SYMBOL:		
Not a GHS controlled substance or mixture.	Not a GHS controlled substance or mixture.			

HAZARD STATEMENT:
This is not a GHS controlled substance or mixture.

3. Composition / Information on Ingredients

CHEMICAL NAME	CAS	Concentration % by Weight
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5	>= 90 - <= 100
Distillates (petroleum), hydrotreated light paraffinic	64742-55-8	>= 10 - < 20

4. First Aid Measures

EMERGENCY OVERVIEW

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

EYES: Remove contact lenses. Protect unharmed eye. If eye irritation persists, consult a specialist. Keep eye wide open while rinsing. 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. Consult a physician after significant exposure.

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

UNSUITABLE FIRE EXTINGUISHING MEDIA:
High volume water jet.

HAZARDOUS COMBUSTION PRODUCTS:
Carbon dioxide (CO2). 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. Standard procedure for chemical fires. Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. For safety reasons, in case of fire cans should be stored separately in closed containments.

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 AND CLEAN-UP METHODS:
Prevent further leakage or spillage if safe to do so. Prevent product from entering drains. If the product contaminates rivers and lakes or drains, inform respective authorities. 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

SAFE HANDLING:
For personal protection see section 8. Smoking, eating, and drinking should be prohibited in the application area. Avoid exposure/obtain special instructions before use. Avoid contact with skin and eyes. 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.

SAFE STORAGE:
Electrical installations/working materials must comply with the technological safety standards.

MATERIALS TO AVOID:

No materials to be especially mentioned.

8. Exposure Controls / Personal Protection

COMPONENTS	CAS #	VALUE TYPE (form of exposure)	CONTROL PARAMETERS/ PERMISSIBLE CONCENTRATION	BASIS
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5	TWA (Mist)	5 mg/m3	OSHA Z-1
		TWA (Inhalable fraction)	5 mg/m3	ACGIH

PERSONAL PROTECTIVE EQUIPMENT:

EYE PROTECTION: Safety glasses. Ensure that eyewash stations and safety showers are close to the workstation location.
SKIN PROTECTION: The suitability for a specific workplace should be discussed with the producers of the protective gloves. 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 MEASURES: 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:	Gel.	**FLASH POINT:**	> 204°C; Method: closed cup
Color:	Blue.	**EVAPORATION RATE:**	<1
ODOR:	Slight, characteristic.	**Explosive Limit – lower (%):**	No data available.
ODOR THRESHOLD:	No data available.	**Explosive Limit – upper (%):**	No data available.
pH:	No data available.	**VAPOR PRESSURE:**	< 1.3 hPa
MELTING/FREEZING POINT:	> 260°C	**DENSITY:**	No data available.
BOILING POINT:	> 316°C	**RELATIVE VAPOUR DENSITY:**	No data available.
PARTITION COEFFICIENT (n-octanol/water):	No data available.	**SOLUBILITY (water):**	Partly soluble.
VISCOSITY(kinematic):	No data available.	**AUTO-IGNITION TEMP:**	Not determined.
RELATIVE DENSITY:	0.91	**THERMAL DECOMPOSITION:**	No data available.

10. Stability & Reactivity Information

REACTIVITY:
Stable.
CHEMICAL STABILITY:
Stable under normal conditions.
POSSIBILITY OF HAZARDOUS REACTIONS:
Stable under recommended storage conditions. No hazards to be specially mentioned.
INCOMPATIBLE MATERIALS:
Acids. Oxidizing agents
CONDITIONS TO AVOID:
No data available.
DECOMPOSITION PRODUCTS:
No decomposition if stored and applied as directed.

11. Toxicological Information

ACUTE TOXICITY:
Components: Distillates (petroleum), hydrotreated heavy naphthenic:
Acute oral toxicity: LD50 rat: > 5,000 mg/kg.
Acute inhalation toxicity: LC50 rat: > 5 mg/l
Exposure time: 4 h.
Acute dermal toxicity: LD50 rabbit: > 5,000 mg/kg.
SKIN CORROSION/IRRITATION:
No data available.
SERIOUS EYE DAMAGE/IRRITATION:
No data available.
RESPIRATORY OR SKIN SENSITIZATION:
No data available.
GERM CELL MUTAGENICITY:
No data available.
CARCINOGENICITY: No data available.
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 probable, possible or confirmed human carcinogen by ACGIH.
OSHA: 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 OSHA.
NTP: 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 NTP.
REPRODUCTIVE TOXICITY:
No data available.

Distillates (petroleum), hydrotreated heavy naphthenic:
Distillates (petroleum), hydrotreated light paraffinic:

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.

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. The product should not be allowed to enter drains, watercourses or the soil. Do not contaminate ponds, waterways, or ditches with chemical or used container.

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):
NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

Transportation Regulation: IMDG (Vessel):
NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

Transportation Regulation: IATA (Cargo Air):
NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

Transportation Regulation: IATA (Passenger Air):
NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

Transportation Regulation: TDG (Canada):
NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIAL

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:
No SARA 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:
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	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), TSCA (USA)

16. Other Information

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

NFPA	Health Hazards: 1	Flammability: 0	Instability: 0	Physical & Chemical Properties:
HMIS	Health Hazards: 1	Flammability: 0	Physical hazards: 0	Personal protection:

0 = not significant, 1 =Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

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.

120 ml
ATTENTION
The GREASOMATIC contains 47 grams of mildly acidic electrolyte. When activated it gradually becomes pressurized with a total of 0.02 grams of hydrogen. These components are contained in a sealed compartment. Do not open GREASOMATIC. If accidentally ruptured some electrolyte may spurt out. In case of skin or eye contact flush with plenty of water. For more detailed information see MSDS.
100
80
60
40
Not responsible for consequential damage beyond replacement or refund of amount paid.
20
Manufactured by:
WYMARK Ltd.
Cheltenham, England
0
GREASOMATIC®
SELF CONTAINED AUTOMATIC LUBRICATOR
PRO CHEM
® Pro Chem, Inc.
P.O. Box 1309
Alpharetta, GA 30009
www.procheminc.com
1-800-241-8180
REPLACEMENT DATE:
INSTALLATION
1. SET TIME - Turn black control knob clockwise until white triangle points to time setting you want.
2. LOCK IN TIME - Push red button down until it is level with yellow dial.
3. ACTIVATE - Turn black control knob clockwise 10 or 12 times until it spins freely and you hear a clicking sound.
4. RECORD - Enter replacement date on GREASOMATIC and in records.
5. INSTALL - Pre-charge remote lines with the same grease. Screw GREASOMATIC into fitting hand tight. See detailed information in shipping box.
U.S. Importer:
Ingersoll Engineering Co, Inc.
1-888-464-3644 www.greasomatic.com