

HMIS RATING	
Health	2
Flammability	2
Reactivity	0

MATERIAL SAFETY DATA SHEET

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NFPA 704 RATING	
Health	2
Flammability	4
Reactivity	0
NFPA 30B LEVEL	
1	

1. PRODUCT IDENTIFICATION

PART NUMBER 80-719
PRODUCT NAME Light Oil & Chain Lube
CHEMICAL FAMILY N/A
DOT SHIPPING Limited Quantity (LQ)

2. HAZARDOUS INGREDIENTS

SPECIFIC CHEMICAL IDENTITY, COMMON NAMES	OSHA PEL	ACGIH TLV	STEL	%
*Dichloromethane (75-09-2)	25ppm	25ppm	-	55
Olefin Polymer	5mg/m ³	5mg/m ³	10mg/m ³	25
Propane/Isobutane/ N-Butane (68476-86-8)	800ppm	800ppm	-	25

All chemical compounds marked with an asterisk (*) are toxic chemicals subject to the reporting of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372. You must notify each person to whom this mixture of trade name product is sold. This statement must not be detached. Any copy or redistribution of this Material Safety Data Sheet shall include this statement. **Ceiling

3. PHYSICAL DATA

BOILING POINT (RANGE) -43°F to 105° F
VAPOR PRESSURE PSIG @ 70°F 80-90
VAPOR DENSITY (AIR = 1) >1
SOLUBILITY IN WATER Negligible
SPECIFIC GRAVITY (H₂O = 1) 0.8595
MELTING/FREEZING POINT N/A
EVAPORATION RATE (Water=1) >1
VOC content (by weight) 21.54%
APPEARANCE AND ODOR Dark green/blk liquid/ Solvent odor

4. FIRE AND EXPLOSION DATA

FLASH POINT -141°F (PMCC)
UPPER EXPLOSIVE LIMIT (%) 9.5
LOWER EXPLOSIVE LIMIT (%) 1.8
EXTINGUISHING MEDIA Dry chemical, CO₂, foam, water fog.
SPECIAL FIREFIGHTING PROCEDURES Firefighters should wear NIOSH approved positive pressure self-contained breathing apparatus; use water fog to cool containers to prevent rupturing.
FIRE AND EXPLOSION HAZARDS Vapors can travel to a source of ignition and flash back. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity or other sources of ignition; they may explode and cause injury or death. Empty drums should be completely drained, properly banded and promptly returned to a drum reconditioner, or properly disposed of.

5. HEALTH EFFECTS DATA

SHORT TERM EFFECTS OF EXPOSURE

ROUTE OF ENTRY Eyes, skin, ingestion, inhalation
HEALTH HAZARDS (ACUTE AND CHRONIC) Overexposure may cause nervous system damage, kidney damage, lungs damage, and liver damage.
EYE CONTACT Irritating. Can cause pain, tearing, reddening and swelling accompanied by a stinging sensation and feeling of fine dust in the eyes.
SKIN CONTACT May cause defatting and drying of skin which may result in skin irritation and dermatitis.
INHALATION Headaches, dizziness, nausea, hypotension, changes in heart rate and cyanosis may result. Prolonged inhalation may be harmful.
INGESTION May be harmful or fatal if swallowed. May cause severe and permanent damage to mouth, throat and stomach.

5. HEALTH EFFECTS DATA CON'T.

FIRST AID PROCEDURES

EYES Flush with water for at least 15 minutes. Obtain medical attention if irritation persists.
SKIN CONTACT Wash with soap, large volumes of water, obtain medical attention.
INGESTION Do not induce vomiting; drink two large glasses of water; obtain medical attention. Never give anything by mouth to an unconscious person.
INHALATION Remove to fresh air. If breathing is difficult, give oxygen. Obtain medical attention

SPECIAL HEALTH EFFECTS

CARCINOGEN (OSHA Guidelines) This product contains a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

6. REACTIVITY

STABILITY Stable
INCOMPATIBILITIES Strong Acids, Alkalis, Oxidizers and amines. Avoid all sources of ignition, weldin
HAZARDOUS DECOMPOSITION PRODUCTS Oxides of carbon, Oxides of nitrogen, and may produce forms of chloride, chlorine and phosgene.
HAZARDOUS POLYMERIZATION Will not occur
HAZARDOUS POLYMERIZATION CONDITIONS None known

7. PRECAUTIONS FOR SAFE HANDLING & USE

PROTECTIVE EQUIPMENT REQUIREMENTS Use adequate ventilation, wear chemical resistant gloves, safety goggles or glasses. For continuous spray, local exhaust provided by explosion proof motor is recommended.
WASH REQUIREMENTS Normal cleanliness.
SPILL OR LEAK PROCEDURES Remove all sources of ignition and ventilate areas. Soak up spilled material with inert absorbent material and place in a properly labeled closed container for disposal.
WASTE DISPOSAL METHODS Do not puncture or incinerate containers. When contents are depleted continue to depress button until all gas is expelled. Dispose of in accordance with local, state, and federal regulations. Consult local environmental authorities.
HANDLING & STORAGE Avoid breathing vapor. Keep away from heat, flames. Keep container closed when handling or storing. Store in a cool dry place. Keep out of reach of children.
OTHER PRECAUTIONS Please read and follow the directions on the product label; they are your best guide to using this product in the most effective way, and give the necessary safety precautions to protect your health.

8. ADDITIONAL INFORMATION

Use self-contained breathing apparatus if TLV limits are exceeded. Do not eat or smoke while using. Wash hands after use. Use positive pressure air supplied respirator if there is potential for uncontrolled release, if exposure levels are unknown, or in any circumstance where air purifying respirators may not provide adequate protection.

THE INFORMATION GIVEN AND THE RECOMMENDATIONS MADE HEREIN APPLY TO OUR PRODUCT(S) ALONE AND ARE NOT COMBINED WITH OTHER PRODUCTS. SUCH INFORMATION IS BASED UPON OUR RESEARCH AND ON DATA FROM OTHER RELIABLE SOURCES AND IS BELIEVED TO BE ACCURATE. NO GUARANTEE OF ACCURACY IS MADE. IT IS THE PURCHASER'S RESPONSIBILITY BEFORE USING ANY PRODUCT TO VERIFY THIS DATA UNDER THEIR OWN OPERATING CONDITIONS AND TO DETERMINE WHETHER THE PRODUCT IS SUITABLE FOR THEIR PURPOSES.

**KIMBALL
MIDWEST**
Specializing in Materials Management since 1923