

Safety Data Sheet

All-Season Chain Lube

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name : All-Season Chain Lube
Supplier : ValPar
PO Box 3856, Hwy #1 East
Regina, SK S4P 3R8
CANADA
Telephone : 877-685-4886
Product/MSDS Information : 306-791-5911
Canutec (24 hr) : 613-996-6666



2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Names and Synonyms : Petroleum Hydrocarbons and additives
Health Hazardous Ingredients : This product is not formulated to contain ingredients which have exposure limits established by U.S. agencies. It is not hazardous to health as defined by the European Union Dangerous Substances/Preparations Directives. See Section 15 for a regulatory analysis of the ingredients. See Section 15 for European Label Information. See Section 8 for exposure limits (if applicable).

3. HAZARDS IDENTIFICATION

US OSHA Hazard Communication Standard : Product assessed in accordance with OSHA 29 CFR 1910.1200 and determined not to be hazardous.
Effects of Overexposure : Not irritating according to U.S. and EC guidelines.
Emergency Response Data : Light Yellow Liquid.

Note: Pressurized mists may form a flammable mixture. DOT ERG No.: Not Available

4. FIRST AID MEASURES

Eye : Flush thoroughly with water. If irritation occurs, call a physician.
Skin : Wash contact areas with soap and water. High pressure accidental injection through the skin requires immediate medical attention for possible incision, irrigation and/or debridement.
Ingestion : Not expected to be a problem when ingested. If greater than ½ liter (pint) ingested, seek medical assistance.
Inhalation : Remove from further exposure. If respiratory irritation, dizziness, nausea, or unconsciousness occurs, seek immediate medical assistance.

5. FIRE FIGHTING MEASURES

- Extinguishing Media** : Carbon dioxide, foam, dry chemical and water fog.
- Special Fire Fighting Procedures** : Water or foam may cause frothing. Use water to keep fireexposed containers cool. Water spray may be used to flush spills away from exposure. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply.
- Special Protective Equipment** : For fires in enclosed areas, fire fighters must use self-contained breathing apparatus.
- Unusual Fire and Explosion Hazards** : Note: Pressurized mists may form a flammable mixture.
Flash Point C(F): > 188(370) (ASTM D-92).
Flammable limits - LEL: NA, UEL: NA.
- NFPA Code** : **Health: 0** **Fire: 1** **Reactivity: 0**

6. ACCIDENTAL RELEASE MEASURES

- Notification Procedures** : Report spills as required to appropriate authorities. Canadian Regulations require immediate reporting of all oil spills that could reach any waterway, including wetlands and intermittent dry creeks.

Note: This product does NOT contain any hazardous substances reportable under CERCLA.

Procedures If Material is

- Released or Spilled** : Small spills can be absorbed with fire retardant treated sawdust, diatomaceous earth, etc. Contain and remove larger spills for salvage or disposal.
- Environmental Precautions** : Prevent spills from entering storm sewers or drains and contact with soil.
- Personal Precautions** : See Section 8

7. HANDLING AND STORAGE

- Handling** : No special precautions are necessary beyond normal good hygiene practices. See Section 8 for additional personal protection advice when handling this product.
- Storage** : Store above 32 °F and away from strong oxidizing agents or combustible material.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal Protective Equipment

- Eye/Face Protection** : Normal industrial eye protection practices should be employed.
- Skin Protection** : No special equipment required. However, good personal hygiene practices should always be followed.
- Respiratory Protection** : No special requirements under ordinary conditions of use and with adequate ventilation.

Ventilation	:	No special requirements under ordinary conditions of use and with adequate ventilation.
Exposure	:	This product does not contain any components which have recognized exposure limits. However, an exposure limit of 5.00 mg/m ³ is suggested for oil mist.

9. PHYSICAL AND CHEMICAL PROPERTIES

Typical physical properties are given below. Consult Product Data Sheet for specific details.

Appearance	:	Liquid
Color	:	Red
Odor	:	Mild
Odor Threshold-ppm	:	Not Established
pH :		Not Available
Boiling Point C(F)	:	> 316(600)
Melting Point C(F)	:	Not Available
Flash Point C(F)	:	> 188(370) (ASTM D-92)
Flammability	:	Not Established
Auto Flammability	:	Not Established
Oxidizing Properties	:	Not Available
Vapor Pressure-mmHg 20 C	:	< 0.1
Vapor Density	:	> 2.0
Evaporation Rate	:	Not Established
Relative Density, 15/4 C	:	0.887
Solubility In Water	:	Negligible
Partition Coefficient	:	> 3.5
Viscosity At 40 C, cSt	:	68.0
Viscosity At 100 C, cSt	:	6.6
Pour Point C(F)	:	-33(-15)
Freezing Point C(F)	:	Not Established

10. STABILITY AND REACTIVITY

Stability (Thermal, Light, etc.)	:	Stable.
Conditions to Avoid	:	Extreme heat.
Incompatibility with Other Materials	:	Strong oxidizers.
Hazardous Decomposition Products	:	Carbon monoxide.
Hazardous Polymerization	:	Will not occur.

11. TOXICOLOGICAL INFORMATION

Acute Toxicology

- Oral Toxicity (Rats)** : Practically non-toxic (LD50: greater than 2000 mg/kg). Based on testing of similar products and/or the components.
- Dermal Toxicity (Rabbits)** : Practically non-toxic (LD50: greater than 2000 mg/kg). Based on testing of similar products and/or the components.
- Inhalation Toxicity (Rats)** : Practically non-toxic (LC50: greater than 5 mg/l). Based on testing of similar products and/or the components.
- Eye Irritation (Rabbits)** : Practically non-irritating. (Draize score: 0 or greater but 6 or less). Based on testing of similar products and/or the components.
- Skin Irritation (Rabbits)** : Practically non-irritating. (Primary Irritation Index: greater than 0.5 but less than 3). Based on testing of similar products and/or the components.

Other Acute Toxicity Data

- DOT Skin Corrosivity (4 hours)** : Negative
- Sensitization (Summary)** : The vegetable oil used in this product is not a contact sensitizer via the Buehler guinea pig sensitization test.

- Other Toxicology Data** : This product contains vegetable oil. Under normal conditions of use, no significant health hazards are expected. Although this product is formulated with vegetable oil, it is not approved for either direct or indirect food contact.

12. ECOLOGICAL INFORMATION

- Environmental Fate and Effects** : This product is expected to be inherently biodegradable. There is no evidence to suggest bioaccumulation will occur. It is not expected to be toxic to aquatic organisms. Accidental spillage may lead to penetration in the soil and groundwater. However, there is no evidence that this would cause adverse ecological effects.

13. DISPOSAL CONDITIONS

- Waste Disposal** : Even though this product is readily biodegradable, it must not be indiscriminately discarded into the environment.

This product is suitable for burning in an enclosed, controlled burner for fuel value and for recycling at an approved facility. In addition, it can be disposed of at an approved waste disposal facility. Land farming and processing through sewage treatment facilities may be available disposal options but necessary approvals must first be obtained from appropriate regulatory authorities. Specific characteristics of the waste at the time of disposal may affect the availability of the above options.

14. TRANSPORT INFORMATION

- USA DOT** : Not Regulated **RID/ADR** : Not Regulated
- IMO** : Not Regulated **IATA** : Not Regulated

15. REGULATORY INFORMATION

- Governmental Inventory Status** : All components comply with TSCA, EINECS/ELINCS, AICS, and DSL. EU Labeling: EU labeling not required.
- U.S. SARA Title III SARA (311/312) Reportable Hazard Categories** : This product contains no "EXTREMELY HAZARDOUS SUBSTANCES".
None. This product contains no chemicals reportable under SARA (313) toxic release program.

This Product Has Been Authorized by USDA for Use Under the Following

- Category** : H2 - Lubricants With No Food Contact

The following product ingredients are cited on the lists below:

Chemical Name CAS Number

- List Citations** : No Reportable Ingredients

Regulatory Lists Searched

1=ACGIH ALL	6=IARC 1	11=TSCA 4
2=ACGIH A1	7=IARC 2A	12=TSCA 5a2
3=ACGIH A2	8=IARC 2B	13=TSCA 5e
4=NTP CARC	9=OSHA CARC	14=TSCA 6
5=NTP SUS	10=OSHA Z	

CARC=Carcinogen; SUS=Suspected Carcinogen; REPRO=Reproductive.

16. OTHER INFORMATION

- Precautionary Label Text** : caution exposure to greater than 5mg/m³ oil mist may cause nose, throat, and lung irritation.

For use in applications where incidental leakage to the environment may occur. Empty container may contain product residue, including flammable or explosive vapours. Do not cut, puncture, or weld near container. All label warnings and precautions must be observed until container has been thoroughly cleaned or destroyed.

- Use** : Chain Saw, Bar and Chain Lubricating Oil

Information given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of the product for particular uses are beyond our control; all risks of use of the product are therefore assumed by the user and **we expressly disclaim all warranties of every kind and nature, including warranties of merchantability and fitness for a particular purpose in respect to the use or suitability of the product.** Nothing is intended as a recommendation for uses that infringe valid patents or as extending any license under valid patents. Appropriate warnings and safe-handling procedures should be provided to handlers and users. Use or re-transmission of the information contained herein in any other format than the format as presented is strictly prohibited. ValPar neither represents nor warrants that the format, content or product formulas contained in this document comply with the laws of any other country except Canada.