

This SDS complies with the Canadian Hazardous Products Regulations of 2015.

1. Product and Company Identification

Product Code: 750
Product Name: CHAIN OIL - ALL SEASON
Company Name: CHEM-ECOL LTD.
640 VICTORIA STREET
COBOURG, ON K9A 5H5
Phone Number: (905)372-2251
Web site address: www.chem-ecol.com
Emergency Contact: 905-372-2251
Intended Use:

2. Hazards Identification

Acute Toxicity: Inhalation, Category 5

GHS Signal Word: Warning

GHS Hazard Phrases: No phrases apply.

GHS Precaution Phrases: P103 - Read label before use.

GHS Response Phrases: P352 - Wash with plenty of soap and water.

GHS Storage and Disposal Phrases: P403+235 - Store in cool/well-ventilated place.

Emergency Overview: This product is not hazardous according to regulatory guidelines. To avoid risks to human health and the environment, comply with the instructions for use. This product is a preparation. Health hazard information is based on its components.

Potential Health Effects (Acute and Chronic): Acute Effects: May irritate eyes and skin. Inhalation of oil mist may cause respiratory irritation.

Chronic Effects: May irritate eyes and skin. Inhalation of oil mist may cause respiratory irritation.

Inhalation: Not likely to present an inhalation hazard at normal temperatures and pressures. When aerosolizing, misting, or heating this product, high concentrations of generated vapor or mist may irritate the respiratory tract.

Skin Contact: Not likely to be absorbed through skin in harmful amounts. May cause skin irritation.

Eye Contact: May cause eye irritation.

Ingestion: May be harmful if swallowed and enters airways.

Medical Conditions Generally Aggravated By Exposure: Pre-existing respiratory track, eye, and/or skin disorders may have increased

susceptibility to the effects of exposure.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration	
64742-50-3	Paraffinic mineral oil	60 - 100 %	
64742-53-6	Mineral oil, petroleum distillates, hydrotreated light naphthenic	10 - 30 %	
NA	Oil Improver	1.0 - 5.0 %	

4. First Aid Measures

Emergency and First Aid Procedures:	Treat symptomatically and supportively.
In Case of Inhalation:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical aid if irritation develops or persists.
In Case of Skin Contact:	Wash skin with soap and water.
In Case of Eye Contact:	Flush eyes with water as a precaution. If eye irritation persists, get medical advice/attention.
In Case of Ingestion:	Do NOT induce vomiting. Get medical advice/attention.
Signs and Symptoms Of Exposure:	The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11
Indication of any immediate medical attention and special treatment needed:	No data available.
Note to Physician:	No data available.

5. Fire Fighting Measures

	NA
Flash Pt:	> 160 C Method Used: Cleveland Open Cup
Explosive Limits:	LEL: NA UEL: NA
Autoignition Pt:	NA
Suitable Extinguishing Media:	Carbondioxide, Water Fog, Foam, Dry Chemical.
Unsuitable Extinguishing Media:	Use water spray or fog; do not use straight streams.
Fire Fighting Instructions:	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.
Flammable Properties and Hazards:	Will burn if involved in a fire.
Hazardous Combustion Products:	Decomposition and combustion materials may be toxic. Oxides of Carbon and Sulfur.

6. Accidental Release Measures

Protective Precautions, Protective Equipment and Emergency Procedures:	Wear protective equipment and provide engineering controls as specified in SECTION 8: Exposure/PPE.
Environmental Precautions:	Discharge into the environment must be avoided.
Steps To Be Taken In Case Material Is Released Or Spilled:	Remove all sources of ignition. Stop leak if you can do it without risk. Contain spill by dyking or use an absorbent (sand or clay). Collect in appropriate waste container.

7. Handling and Storage

Precautions To Be Taken in Handling:	Keep away from heat, sparks and flame. Wash hands after handling and before eating. Avoid contact with skin and eyes.
Precautions To Be Taken in Storing:	Keep container tightly closed in a dry and well-ventilated place. Keep away from heat, sparks and flame.
Other Precautions:	Empty product containers may retain product residue and can be dangerous.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
64742-50-3	Paraffinic mineral oil	No data.	No data.	No data.
64742-53-6	Mineral oil, petroleum distillates, hydrotreated light naphthenic	No data.	No data.	No data.
NA	Oil Improver	No data.	No data.	No data.

Recommended Exposure Limits: Oil Mist 5 mg/m3.

Personal Protective Equipment Symbols:

Respiratory Equipment (Specify Type): Not likely to present an inhalation hazard at normal temperatures and pressures.

Eye Protection: Goggles or safety glasses with side shield.

Protective Gloves: Impervious, oil resistant gloves.

Other Protective Clothing: Where spills and splashes are likely, facilities storing or using this product should be equipped with emergency eyewash and shower.

Engineering Controls (Ventilation etc.): Provide general ventilation needed to maintain concentration of vapour or mist below applicable exposure limits. Where adequate ventilation is unavailable, use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below applicable exposure limits.

Work/Hygienic/Maintenance Practices: Handle in accordance with good industrial hygiene and safety practice.

Environmental Exposure Controls: Discharge into the environment must be avoided. Do not let product enter drains.

9. Physical and Chemical Properties

Physical States: Gas Liquid Solid

Appearance and Odor: Red.
Oily.
Aromatic odor.

pH: N/A

Freezing Point: < 0 C

Boiling Point: > 250 C

Flash Pt: > 160 C Method Used: Cleveland Open Cup

Evaporation Rate: < 1 (BuAC=1)

Flammability (solid, gas): No data available.

Explosive Limits: LEL: NA UEL: NA

Vapor Pressure (vs. Air or mm Hg): < 1 MM_HG

Vapor Density (vs. Air = 1): > 1

Specific Gravity (Water = 1): 0.89

Density: NA

Bulk density: NA

Solubility in Water: NA

Solubility Notes: Not Water Soluble.

Saturated Vapor Concentration: NA

Octanol/Water Partition Coefficient: No data.

Percent Volatile: NA

VOC / Volume: NA

Autoignition Pt: NA

Decomposition Temperature: NA

Viscosity: 46 CST at 40 C

Particle Size: NA

Heat Value: NA

Corrosion Rate: NA

10. Stability and Reactivity

Reactivity: Polymerization is not known to occur under normal temperature and pressures. Not reactive with water. Contact with strong oxidizers.

Stability: Unstable [] Stable [X]

Conditions To Avoid - No data available.

Instability:

Incompatibility - Materials To Oxidizing agents.

Avoid:

Hazardous Decomposition or No data available.

Byproducts:

Possibility of Hazardous Reactions: Will occur [] Will not occur [X]

Conditions To Avoid - Contact with strong oxidizers.

Hazardous Reactions:

11. Toxicological Information

Toxicological Information: Oil mist 5 mg/m3.

Irritation or Corrosion: No data available.

Symptoms related to Toxicological Characteristics: May irritate eyes and skin. Inhalation of oil mist may cause respiratory irritation.

Sensitization:
Chronic Toxicological Effects:

No data available.

Inhalation of oil mist may cause respiratory irritation. May be harmful if swallowed. may irritate eyes and skin.

Carcinogenicity/Other Information: No data available.

Carcinogenicity: NTP? N.A. IARC Monographs? N.A. OSHA Regulated? N.A.

12. Ecological Information

General Ecological Information: No data available.

Results of PBT and vPvB assessment: No data available.

Persistence and Degradability: No data available.

Bioaccumulative Potential: No data available.

Mobility in Soil: No data available.

Other adverse effects: No data available.

13. Disposal Considerations

Waste Disposal Method: Follow local waste disposal procedures for products containing mineral oil.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name:

DOT Hazard Class:

UN/NA Number:

LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: Not regulated by TDG.

UN Number:

Hazard Class:

TDG Classification:

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
64742-50-3	Paraffinic mineral oil	No	No	No
64742-53-6	Mineral oil, petroleum distillates, hydrotreated light naphthenic	No	No	No
NA	Oil Improver	No	No	No

CAS #	Hazardous Components (Chemical Name)	Canadian NPRI	Canadian Toxic	Canadian DSL
64742-50-3	Paraffinic mineral oil	No	No	Yes
64742-53-6	Mineral oil, petroleum distillates, hydrotreated light naphthenic	No	No	Yes
NA	Oil Improver	No	No	No

CAS #	Hazardous Components (Chemical Name)	International Regulatory Lists
64742-50-3	Paraffinic mineral oil	
64742-53-6	Mineral oil, petroleum distillates, hydrotreated light naphthenic	
NA	Oil Improver	

Canadian WHMIS Classification:

No data available.

16. Other Information

Revision Date: 05/11/2017

Additional Information About No data available.

This Product:

Company Policy or Disclaimer: The information contained herein is offered only as a guide to the handling of this specific material and has been prepared in good faith by technically knowledgeable personnel. It is not intended to be all-inclusive and the manner and conditions of use and handling may involve other additional considerations. No warranty of any kind is given or implied and CHEM-ECOL LTD. will not be liable for any damages, losses, injuries or consequential damages which may result from the use or reliance on any information contained herein.