

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

## 1. Product and Company Identification

**Product Code:** 848  
**Product Name:** AIRLINE OIL  
**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.  
**Potential Health Effects (Acute and Chronic):**  
Acute Effects: Inhalation of oil mist may cause respiratory irritation. May irritate eyes and skin.  
Chronic Effects: Inhalation of oil mist may cause respiratory irritation. May irritate eyes and skin.  
**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	
64742-58-1	Petroleum based lubricating oil	60 - 100 %	
68649-42-3	Anti-wear type additives	0.10 - 1.0 %	

## 4. First Aid Measures

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

## 5. Fire Fighting Measures

<b>NA</b>	
<b>Flash Pt:</b>	> 200 C Method Used: Cleveland Open Cup
<b>Explosive Limits:</b>	LEL: NA UEL: NA
<b>Autoignition Pt:</b>	NA
<b>Suitable Extinguishing Media:</b>	Carbondioxide, Water Fog, Foam, Dry Chemical.
<b>Unsuitable Extinguishing Media:</b>	Use water spray or fog; do not use straight streams.
<b>Fire Fighting Instructions:</b>	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.
<b>Flammable Properties and Hazards:</b>	Material will burn in a fire.
<b>Hazardous Combustion Products:</b>	Decomposition and combustion materials may be toxic. Oxides of Carbon and Sulfur.

## 6. Accidental Release Measures

<b>Protective Precautions, Protective Equipment and Emergency Procedures:</b>	Wear protective equipment and provide engineering controls as specified in SECTION 8: Exposure/PPE.
<b>Environmental Precautions:</b>	Discharge into the environment must be avoided.
<b>Steps To Be Taken In Case Material Is Released Or Spilled:</b>	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

<b>Precautions To Be Taken in Handling:</b>	Keep away from heat, sparks and flame. Wash hands after handling and before eating.
<b>Precautions To Be Taken in Storing:</b>	Keep container tightly closed in a dry and well-ventilated place. Keep away from heat, sparks and flame.
<b>Other Precautions:</b>	Store away from incompatible material.

## 8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
64742-58-1	Petroleum based lubricating oil	No data.	No data.	No data.
68649-42-3	Anti-wear type additives	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:** Golden.  
Petroleum-like.  
Aromatic odor.

**pH:** N/A

**Melting Point:** NA

**Boiling Point:** > 250 C

**Flash Pt:** > 200 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):** - 0.87-0.89

**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:** 22 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.

**Stability:** Unstable [ ] Stable [ X ]

**Conditions To Avoid -** Contact with strong oxidizers.

**Instability:**

**Incompatibility - Materials To** Oxidizing agents.

**Avoid:**

**Hazardous Decomposition or Oxides of Carbon and Sulfur.**

**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:** Not classified as a human carcinogen.

**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)
64742-58-1	Petroleum based lubricating oil	No	No	No
68649-42-3	Anti-wear type additives	No	No	Yes-Cat. N982

CAS #	Hazardous Components (Chemical Name)	Canadian NPRI	Canadian Toxic	Canadian DSL
64742-58-1	Petroleum based lubricating oil	No	No	Yes
68649-42-3	Anti-wear type additives	Yes - Cat.		Yes

CAS #	Hazardous Components (Chemical Name)	International Regulatory Lists
64742-58-1	Petroleum based lubricating oil	
68649-42-3	Anti-wear type additives	

### Canadian WHMIS Classification:

No data available.

## 16. Other Information

**Revision Date:** 05/11/2017

**Additional Information About** No data available.

**This Product:**

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