



HEALTH	1
FLAMMABILITY	2
PHYSICAL HAZARD	1
PERSONAL PROTECTION	B

# Material Safety Data Sheet

## LUBECORP EXCEL 440 LUBRICANT LIQUID

### Section 1: Chemical Product and Company Identification

**Product Name:** LUBECORP EXCEL 440 LUBRICANT LIQUID

**Product Identifier:** PETROLEUM LUBRICATING OIL

**Chemical Family:** ALIPHATIC HYDROCARBONS

**Common Uses:** MULTIPURPOSE LUBRICATING OIL

**In Case of Emergency:** LubeCorp Manufacturing 1-800-661-6100

#### Contact Information:

**LubeCorp Manufacturing Inc.**

1010 72 Avenue N.E.

Calgary, Alberta

T2E 8V9

Canada

### Section 2: Hazards Identification

**Physical State:** Liquid

**HMIS: Health** 1

**Odour:** Petroleum Oil

**Flammability** 2

**WHMIS Class:** B.3 Combustible Liquid

**Physical Hazards** 1

**T.D.G Class:** Petroleum Distillates, N.O.S Class 3, Pkg III, UN 1268

**Personal Protection** B

**IATA (Air) Class:** Petroleum Distillates, N.O.S Class 3, Pkg III, UN 1268

**TARIFF NUMBER/(H.S. CODE):** 2710.19.30.80

**Routes of Entry:** Dermal contact, Eye contact, Inhalation, Ingestion.

#### Potential Acute Health Effects

**Inhalation:** High concentration of vapors may cause nasal and respiratory irritation, headache dizziness and nausea.

**Ingestion:** May Cause gastrointestinal irritation, nausea, vomiting and diarrhea.

**Skin:** Slightly irritating to the skin.

**Eyes:** Eye contact may result in slight irritation and redness.

#### Potential Chronic Health Effects

**Chronic Effects:** No known significant effects or critical hazards.

**Carcinogenicity:** Not listed as carcinogenic by OSHA, NTP or IARC.

**Mutagenicity:** No known significant effects or critical hazards.

**Teratogenicity:** No known significant effects or critical hazards.

**Developmental Effects:** No known significant effects or critical hazards.

**Fertility Effects:** No known significant effects or critical hazards.

**Medical Conditions Aggravated by Over-exposure:** Pre-existing eye, skin and respiratory conditions may be aggravated by exposure.

Section 3: Composition and Information on Ingredients			
<b>COMPONENTS</b>	<b>CAS Number</b>	<b>% by Wt.</b>	<b>OSHA (PEL)</b>
Stoddard Solvent	8052-41-3	30-60	500ppm(2900mg/m <sup>3</sup> )TWA
<p>There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.</p>			
Section 4: First Aid Measures			
<p><b>Inhalation:</b> If irritation is experienced, move to fresh air.</p> <p><b>Ingestion:</b> Do not induce vomiting. May cause irritation, nausea or diarrhea.</p> <p><b>Eyes:</b> Flush eyes with water for at least 15 minutes. If irritation persists consult physician.</p> <p><b>Skin:</b> Wash with soap and water. Wash contaminated clothing before reuse.</p>			
Section 5: Fire-fighting Measures			
<b>Flash Point (C.O.C)</b>	47° C		
<b>Fire Extinguishing Substances:</b>	Foam, CO <sub>2</sub> , Dry Chemical, Water spray or fog		
<p><b>Special Fire-fighting Procedures:</b> Use usual procedures for petroleum fires. Use water only to cool containers. Wear self-contained breathing apparatus with a full face-piece operated in pressure demand or other positive pressure mode. Wear full protective clothing.</p> <p><b>Products of Combustion:</b> Carbon oxides (CO, CO<sub>2</sub>), water vapour</p> <p><b>Special Remarks on Explosion Hazards:</b> Do not store in high temperature areas or where subject to open flames.</p>			
Section 6: Accidental Release Measures			
<p><b>Personal precautions:</b> Evacuate surrounding areas. Do not touch or walk through spilt material. Provide adequate ventilation. Use appropriate personal protective equipment. (See section 8.)</p> <p><b>Environmental Precautions:</b> Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution.</p> <p><b>Methods of Cleaning</b></p> <p>For small spills, clean up with absorbent material. Collect material in suitable and properly labelled open containers. For large spills, dike and pump into suitable and properly labeled containers.</p>			

**Section 7: Handling and Storage**

**Handling:** Put on appropriate personal protective equipment (See Section 8). Keep away from heat, sparks and open flame. Use with adequate ventilation.

**Storage:** Store in accordance with local regulations. Store in original container, away from incompatible materials (see Section 10). Keep containers closed when not in use

**Section 8: Exposure Controls and Personal Protection**

**Recommended monitoring procedures:** None required.

**Engineering measures:** Use in well-ventilated area.

**Hygiene Measures:** Wash hands with soap and water after handling. Ensure that eyewash stations and safety showers are available.

**Personal Protection**

**Ventilation:** Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

**Respiratory Protection:** None required.

**Eye Protection:** Safety eyewear should be used.

**Skin protection:** Use gloves impervious to petroleum oils.

**Other Protection:** None required.

**Section 9: Physical and Chemical Properties**

**Physical State:** Liquid

**Color:** Dark Amber

**Flash point:** 47°C

**Solubility:** Insoluble in water

**Odour:** Petroleum Oil

**Pour Point:** <-40°C

**Specific Gravity, 20 °C:** 0.970-0.975

**Section 10: Stability and Reactivity**

**Chemical Stability:** The product is stable.

**Incompatibility (Materials to Avoid):** Avoid strong oxidizing agents.

**Hazardous Decomposition Products:** Oxides of carbon, hydrogen compounds, and dense smoke produced on combustion

**Can Hazardous Polymerization Occur?** Will not occur.

<b>Section 11: Toxicological Information</b>
<p>This product has not been shown to have adverse health effects in years in manufacture and use.</p> <p><b>LD 50 - ORAL:</b> &gt;5,000 mg/kg (Rat)                      <b>LD 50 - DERMAL:</b> &gt;2,000 mg/kg (Rabbit)</p> <p><b>CARCINOGENICITY:</b> The materials in this product are not carcinogenic.</p>
<b>Section 12: Ecological Information</b>
<p><b>Environmental Effects:</b> No known significant effects or critical hazards.</p> <p><b>Biodegradability:</b> Not available.</p>
<b>Section 13: Disposal Considerations</b>
<p><b>Steps to be taken upon release or spillage:</b> Remove sources of Ignition. Wear adequate clothing and respiratory equipment. Absorb with inert material. Remove to closed container for disposal.</p> <p><b>Waste Disposal Method:</b> Landfill absorbed material in a government approved site. Incinerate with approval of environmental authority.</p>
<b>Section 14: Transport Information</b>
<p><b>T.D.G Class:</b> Petroleum Distillates, N.O.S Class 3, Pkg III, UN 1268</p> <p><b>IATA (Air) Class:</b> Petroleum Distillates, N.O.S Class 3, Pkg III, UN 1268</p> <p><b>TARIFF NUMBER/(H.S. CODE):</b> 2710.19.30.80</p>
<b>Section 15: Regulatory Information</b>
<p><b>WHMIS Class:</b> B3 Combustible liquid</p> <p>This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations. This MSDS was prepared in reference to Primary Supplier MSDS, Laboratory test results and analysis in conjunction with LubeCorp's experience and handling with this product.</p> <p><b>Canada Inventory:</b> All products are listed or exempted.</p> <p><b>United States Inventory (TSCA):</b> All components are listed or exempted.</p>
<b>Section 16: Other Information</b>
<p><b>References:</b> Available upon request.</p> <p><b>Date of Issue:</b> April 14, 2014</p> <p><b>Responsible:</b> Product Safety – LubeCorp Manufacturing Inc.</p> <p><b>For Copy of MSDS:</b> <a href="http://www.lubecorp.com">www.lubecorp.com</a>      1-800-661-6100</p>

**Notice to reader:** The information herein is presented in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied is given. Regulatory requirements are subject to change and may differ from one location to another; it is the buyer's responsibility to ensure that its activities comply with federal, state/provincial, and local laws.