



## BOSS DE-DUSTING OIL SDS

### Safety Data Sheet

#### Section 1: PRODUCT AND COMPANY IDENTIFICATION

**Material Name:** BOSS De-Dusting Oil  
**Synonyms:** Petroleum oil; lube oil; petroleum hydrocarbon; lubricant.  
**Product Use:** Lubricating oils. If this product is used in combination with other products, refer to the Safety Data Sheet for those products.  
**Restrictions on Use:** None known.

**MANUFACTURER/SUPPLIER**

**Boss Lubricants**  
112, 6303 30 St. SE  
Calgary, AB  
T2C 1R4

**Emergency Phone Number(s)**  
**Business:** (800) 844-9457  
**Fax #:** (403) 279-2272  
**www.bosslubricants.com**

**Issue Date:** January 18, 2018  
**Supersedes Issue Date:** January 01, 2015  
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#### Section 2: HAZARDS IDENTIFICATION

Classification in accordance with Schedule 1 of Canada's Hazardous Products Regulations (HPR) (SOR/2015-17) and paragraph (d) of 29 CFR 1910.1200 in the United States

Aspiration Hazard - Category 1  
GHS Label Elements Symbol(s)



**Signal Word:** Danger  
**Hazard Statement(s):** May be fatal if swallowed and enters airways.  
**Precautionary Statement(s)**  
**Prevention:** None needed according to classification criteria.  
**Response:** IF SWALLOWED: Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. Storage Keep container tightly closed.  
**Disposal:** Dispose of contents/container in accordance with local/regional/national/international regulations.  
**Other hazards:** Repeated exposure may cause skin dryness or cracking.





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### Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

CAS	Component Name	Percent
64742-58-1	Lubricating oils, petroleum, hydrotreated spent	100

### Section 4: FIRST AID MEASURES

- Inhalation:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention, if needed.
- Skin:** Wash with plenty of soap and water. Get medical attention if needed.
- Eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention, if needed.
- Ingestion:** Aspiration hazard. Do NOT induce vomiting. If vomiting occurs, keep head lower than hips to help prevent aspiration. Immediately call a POISON CENTER or doctor/physician.

#### Most Important Symptoms/Effects

**Acute:** No information on significant adverse effects.

**Delayed:** No information on significant adverse effects.

**Indication of any immediate medical attention and special treatment needed:** Treat symptomatically and supportively. Treatment may vary with condition of victim and specifics of incident.

### Section 5: FIRE FIGHTING MEASURES

#### Extinguishing Media

**Suitable Extinguishing Media:** Carbon dioxide, regular foam, dry chemical, water spray, water fog. Water or foam may cause frothing.

**Unsuitable Extinguishing Media:** Do not use high pressure water streams.

**Special Hazards Arising from the Chemical:** Negligible fire hazard. Avoid friction, static electricity, and sparks.

**Hazardous Combustion Products:** Decomposition and combustion materials may be toxic. Burning may produce oxides of carbon, carbon monoxide, sulfur oxides, aldehydes, ketones, unidentified organic compounds.

**Fire Fighting Measures:** Use methods suitable to fight surrounding fire. Move container from fire area if it can be done without risk. Cool containers with water spray until well after the fire is out. "Empty" containers may retain residue and can be dangerous. Product is not sensitive to mechanical impact or static discharge.

**Special Protective Equipment and Precautions for Firefighters:** A positive-pressure, self-contained breathing apparatus (SCBA) and full-body protective equipment are required for fire emergencies.





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### Section 6: ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions, Protective Equipment and Emergency Procedures:</b>	Wear personal protective clothing and equipment, see Section 8.
<b>Methods and Materials for Containment and Cleaning Up:</b>	<p>Remove all ignition sources. Do not touch or walk through spilled product. Stop leak if you can do it without risk. Wear protective equipment and provide engineering controls as specified in SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Ventilate area and avoid breathing vapor or mist. Contain spill away from surface water and sewers. Contain spill as a liquid for possible recovery, or sorb with compatible sorbent material and shovel with a clean, spark proof tool into a sealable container for disposal.</p> <p>Additionally, for large spills: Dike far ahead of liquid spill for collection and later disposal. There may be specific federal regulatory reporting requirements associated with spills, leaks, or releases of this product.</p> <p>Also see SECTION 15: REGULATORY INFORMATION.</p>

### Section 7: HANDLING AND STORAGE

<b>Precautions for Safe Handling:</b>	Keep away from sparks or flame. Where flammable mixtures may be present, equipment safe for such locations should be used. Use clean tools. When transferring large volumes of product, metal containers, including trucks and tank cars, should be grounded and bonded. This product has a low vapor pressure and is not expected to present an inhalation hazard under normal temperatures and pressures. However, when aerosolizing, misting, or heating this product, do not breathe vapor or mist. Wash thoroughly after handling. Wear protective gloves. Use in a well-ventilated area. Avoid contact with eyes, skin, clothing, shoes.
<b>Conditions for Safe Storage, Including any Incompatibilities:</b>	Keep container tightly closed when not in use and during transport. Store containers in a cool, dry place. Store locked up. Do not pressurize, cut, weld, braze, solder, drill, or grind containers. Keep containers away from flame, sparks, static electricity, or other sources of ignition. Empty product containers may retain product residue and can be dangerous.
<b>Incompatible Materials:</b>	Strong oxidizing materials.



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### Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

**Component Exposure Limits:** Canada, ACGIH, OSHA, and NIOSH have not developed exposure limits for any of this product's components.

**ACGIH - Threshold Limit Values - Biological Exposure Indices (BEI):** There are no biological limit values for any of this product's components.

**Engineering Controls:** Provide general ventilation. Where adequate general ventilation is unavailable, use process enclosures, local exhaust ventilation, or other engineering controls.

**Individual Protection Measures, such as Personal Protective Equipment**

**Eye/face protection:** Wear safety glasses. Additional protection like goggles, face shields, or respirators may be needed dependent upon anticipated use and concentrations of mists or vapors. Eye wash fountain and emergency showers are recommended. Contact lens use is not recommended.

**Respiratory Protection:** A respiratory protection program which meets USA's OSHA General Industry Standard 29 CFR 1910.134 or Canada's CSA Standard Z94.4-M1982 requirements must be followed whenever workplace conditions warrant a respirator's use. Consult a qualified Industrial Hygienist or Safety Professional for respirator selection guidance.

**Glove Recommendations:** Where skin contact is likely, wear gloves impervious to product; use of natural rubber (latex) or equivalent gloves is not recommended. To avoid prolonged or repeated contact where spills and splashes are likely, wear appropriate chemical-resistant face shield, boots, apron, whole body suits or other protective clothing. When product is heated and skin contact is likely, wear heat-resistant gloves, boots, and other protective clothing.

**Protective Materials:** Personal protective equipment should be selected based upon the conditions under which this material is used. A hazard assessment of the work area for PPE requirements should be conducted by a qualified professional pursuant to regulatory requirements. The following PPE should be considered the minimum required: Safety glasses, gloves, and lab coat or apron.

### Section 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Amber liquid	<b>Physical State:</b>	Liquid
<b>Odor:</b>	Petroleum	<b>Color:</b>	Amber
<b>Odor Threshold:</b>	Not available	<b>pH:</b>	Not available
<b>Melting Point:</b>	Not available	<b>Boiling Point:</b>	129.5 °C (265 °F Minimum)
<b>Boiling Point Range:</b>	Not available	<b>Freezing point:</b>	Not available
<b>Evaporation Rate:</b>	Not available	<b>Flammability (solid, gas):</b>	Not available
<b>Autoignition Temperature:</b>	Not available	<b>Flash Point:</b>	165°C (329°F Minimum)
<b>Lower Explosive Limit:</b>	Not available	<b>Decomposition temperature:</b>	Not available
<b>Upper Explosive Limit:</b>	Not available	<b>Vapor Pressure:</b>	<0.1 mmHg @ 68°F °C (20 °C)
<b>Vapor Density (air=1):</b>	Not available	<b>Specific Gravity: (water=1)</b>	0.87





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<b>Water Solubility:</b>	Insoluble	<b>Partition coefficient: (n-octanol/water)</b>	Not available
<b>Viscosity:</b>	<20.5 mm <sup>2</sup> /s 40 °C (104 °F)	<b>Kinematic viscosity:</b>	Not available
<b>Solubility (Other):</b>	Not available	<b>Density:</b>	7.3 lb/gal (US Approximate)
<b>Pour Point:</b>	-3 °C (27 °F Maximum)	<b>Molecular Weight:</b>	Not available
<b>Volatile Organic Compounds: (As regulated)</b>	Negligible; As per 40 CFR CFR Part 51.100(s)		

### Section 10: STABILITY AND REACTIVITY

<b>Reactivity:</b>	No reactivity hazard is expected.
<b>Chemical Stability:</b>	Stable under normal temperatures and pressures.
<b>Possibility of Hazardous Reactions:</b>	Will not polymerize.
<b>Conditions to Avoid:</b>	Avoid sparks or flame and incompatible materials.
<b>Incompatible Materials:</b>	Avoid oxidizing agents.
<b>Hazardous decomposition products:</b>	None under normal temperatures and pressures.

### Section 11: TOXICOLOGICAL INFORMATION

#### Information on Likely Routes of Exposure

<b>Inhalation:</b>	No information on significant adverse effects.
<b>Skin Contact:</b>	Prolonged or repeated contact may cause skin irritation.
<b>Eye Contact:</b>	No information on significant adverse effects.
<b>Ingestion:</b>	Aspiration hazard. May be fatal if swallowed and enters airways.

#### Acute and Chronic Toxicity

#### Component Analysis - LD50/LC50

The components of this material have been reviewed in various sources and the following selected endpoints are published  
**Lubricating oils, petroleum, hydrotreated spent (64742-58-1)**

Oral	LD50 Rat >2000 mg/kg;
Dermal	LD50 Rabbit >4480 mg/kg;

#### Product Toxicity Data

#### Acute Toxicity Estimate:

Dermal	>2000 mg/kg
Oral	>2000 mg/kg

**Immediate Effects:** May be fatal if swallowed and enters airways.

**Delayed Effects:** Repeated exposure may cause skin dryness or cracking.

**Irritation/Corrosivity Data:** May cause slight skin and respiratory irritation.

**Respiratory Sensitization:** No information available for the product.

**Dermal Sensitization:** No information available for the product.

**Component Carcinogenicity:** None of this product's components are listed by ACGIH, IARC, OSHA, NIOSH, or NTP.





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<b>Germ Cell Mutagenicity:</b>	No information available for the product.
<b>Tumorigenic Data:</b>	No information available for the product.
<b>Reproductive Toxicity:</b>	No information available for the product.
<b>Aspiration hazard:</b>	May be fatal if swallowed and enters airways.
<b>Medical Conditions Aggravated by Exposure:</b>	Individuals with pre-existing respiratory tract (nose, throat, and lungs), eye, and/or skin disorders may have increased susceptibility to the effects of exposure.

### Specific Target Organ Toxicity

<b>Single Exposure:</b>	No target organs identified.
<b>Repeated Exposure:</b>	No target organs identified.

### Section 12: ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	Not toxic.
<b>Component Analysis - Aquatic Toxicity:</b>	No information available for the product.
<b>Persistence and Degradability:</b>	No information available for the product.
<b>Bioaccumulative Potential:</b>	No information available for the product.
<b>Mobility:</b>	No information available for the product.
<b>Other Toxicity:</b>	No additional information is available.

### Section 13: DISPOSAL CONSIDERATIONS

<b>Disposal Methods:</b>	Dispose in accordance with federal, state, provincial, and local regulations. Regulations may also apply to empty containers. The responsibility for proper waste disposal lies with the owner of the waste. This product, if discarded, is not expected to be a characteristic or listed hazardous waste. If recycled in the USA, this product can be managed in accordance with the used oil exemption under 40 CFR Part 279. Processing, use, or contamination by the user may change the waste code(s) applicable to the disposal of this product.
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### Section 14: TRANSPORT INFORMATION

<b>Basic Description:</b>	Not classified as hazardous for transport (DOT, TDG, IMO/IMDG, IATA/ICAO).
<b><u>DOT</u></b>	
<b>Proper Shipping Name:</b>	Not regulated for transport.
<b>UN Number:</b>	Not regulated for transport.
<b>Hazard Class:</b>	Not regulated for transport.
<b>Packing Group:</b>	Not regulated for transport.
<b><u>TDG</u></b>	
<b>Proper Shipping Name:</b>	Not regulated for transport.
<b>UN Number:</b>	Not regulated for transport.
<b>Hazard Class:</b>	Not regulated for transport.
<b>Packing Group:</b>	Not regulated for transport.



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**IMDG**

**Proper Shipping Name:** Not regulated for transport.  
**UN Number:** Not regulated for transport.  
**Hazard Class:** Not regulated for transport.  
**Packing Group:** Not regulated for transport.  
**Marine Pollutant:** Not regulated for transport.

**IATA**

**Proper Shipping Name:** Not regulated for transport.  
**UN Number:** Not regulated for transport.  
**Hazard Class:** Not regulated for transport.  
**Packing Group:** Not regulated for transport.

**International Bulk Chemical Code:** This material does not contain any chemicals required by the IBC Code to be identified as dangerous chemicals in bulk.

**Section 15: REGULATORY INFORMATION**

**Canada Regulations CEPA**

**Priority Substances List:** None of this product's components are on the list.  
**Ozone Depleting Substances:** None of this product's components are on the list.

**Council of Ministers of the Environment**

**Soil Quality Guidelines:** None of this product's components are on the list.  
**Water Quality Guidelines:** None of this product's components are on the list.

**U.S. Federal Regulations:** None of this products components are listed under SARA Sections 302/304 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), or require an OSHA process safety plan.

**SARA Section 311/312 (40 CFR 370 Subparts B and C) 2016 reporting categories**

**Acute Health:** No  
**Chronic Health:** No  
**Fire:** No  
**Reactivity:** No

**Component Analysis - Inventory Lubricating oils, petroleum, hydrotreated spent (64742-58-1)**

US	CA
Yes	DSL

**NFPA Ratings**

Health: 1      Fire: 1      Reactivity: 0

Hazard Scale: 0 = Minimal; 1 = Slight; 2 = Moderate; 3 = Serious; 4 = Severe







## BOSS DE-DUSTING OIL SDS

### Section 16: OTHER INFORMATION

**Issue Date:** January 18, 2018

**Supersedes Issue Date:** January 01, 2015

**Revision Information:** Update to SDS.

**References**

<p><b>ACGIH:</b> American Conference of Governmental Industrial Hygienists</p> <p><b>AIHA:</b> American Industrial Hygiene Association</p> <p><b>BOD:</b> Biochemical Oxygen Demand</p> <p><b>°C:</b> Celsius</p> <p><b>CAS:</b> Chemical Abstracts Service</p> <p><b>CERCLA:</b> Comprehensive Environmental Response, Compensation, and Liability Act</p> <p><b>CFR:</b> Code of Federal Regulations</p> <p><b>CPR:</b> Controlled Products Regulations</p> <p><b>DOT:</b> United States Department of Transportation</p> <p><b>DSL:</b> Domestic Substances List</p> <p><b>EPA:</b> Environmental Protection Agency</p> <p><b>°F:</b> Fahrenheit</p> <p><b>GHS:</b> Globally Harmonized System of Classification and Labeling of Chemicals</p> <p><b>HMIS:</b> Hazardous Materials Identification System</p> <p><b>IARC:</b> International Agency for Research on Cancer</p> <p><b>IATA:</b> International Air Transportation Association</p> <p><b>IDLH:</b> Immediately Dangerous to Life or Health</p>	<p><b>IMDG:</b> International Maritime Dangerous Goods</p> <p><b>IUCLID:</b> International Uniform Chemical Information Database</p> <p><b>NFPA:</b> National Fire Protection Association</p> <p><b>NIOSH:</b> National Institute for Occupational Safety and Health</p> <p><b>NTP:</b> National Toxicology Program</p> <p><b>OSHA:</b> Occupational Safety and Health Administration</p> <p><b>PEL:</b> Permissible Exposure Limit</p> <p><b>RTK:</b> Right-to-Know</p> <p><b>SARA:</b> Superfund Amendments and Reauthorization Act</p> <p><b>STEL:</b> Short-term Exposure Limit</p> <p><b>TDG:</b> Transportation of Dangerous Goods</p> <p><b>TLV:</b> Threshold limit value</p> <p><b>TSCA:</b> Toxic Substances Control Act</p> <p><b>TWA:</b> Time weighted average</p> <p><b>UN:</b> United Nations</p> <p><b>WHMIS:</b> Workplace Hazardous Materials Information System</p>
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