



Material Safety Data Sheet

Section 1: Product and Company Identification

PRODUCT NAME: BOSS CONCRETE FORM OIL
PRODUCT USE: Wood, Metal & Concrete Forms
CHEMICAL NAME: A complex mixture of aliphatic, paraffinic and aromatic hydrocarbons, and additives.
SUPPLIER/MANUFACTURER:
BOSS LUBRICANTS
112, 6303 – 30TH STREET SE
Calgary, AB
T2C 1R4
www.bosslubricants.com

Tel: 403-279-2223
In case of emergency: 800-844-9457
Fax: 403-279-2272

Section 2: Hazards Identification

ROUTES OF ENTRY

SKIN CONTACT: Low toxicity. Irritating.
SKIN ABSORPTION: Practically Non-Irritating
EYE: Slightly irritating, but will not injure eyes.
INHALATION: Negligible hazard at normal temperatures (up to 38°C). Elevated temperatures or mechanical action may form vapors, mists or fumes which may be irritating to the eyes, nose, throat, and lungs. High vapor concentrations are irritating to the eyes, nose, throat and lungs, may cause headaches and dizziness; may be anesthetic and may cause other central nervous system effects. Avoid breathing vapors or mists
INGESTION: Low toxicity. Small amounts of this liquid drawn in to the lungs from swallowing or vomiting may cause severe health effects (e.g. bronchopneumonia or pulmonary edema).
CHRONIC OVER EXPOSURE EFFECTS: Lifetime skin painting tests indicate that materials of similar composition have produced skin cancer in experimental animals. The relationship of these results to humans has not been fully established.

Section 3: Composition / Information on Ingredients

The following components are defined in accordance with subparagraph (13) a (i) to (iv) or paragraph 14(a) of the Hazardous Products Act.

Name	%	CAS #
Kerosene, straight run	10	8008-20-6
Paraffinic, Base Oil	90	64742-58-1

LD50: >5g/kg. Oral, rat

Section 4: FIRST AID MEASURES

- Contact with EYES:** Flush eyes with large amounts of water until irritation subsides. If irritation persists, get medical attention.
- Contact with SKIN:** Immediately flush with large amounts of water. Use soap if available. Remove contaminated clothing, including shoes, after flushing has begun. If irritation persists, seek medical attention.
- INHALATION:** In emergency situations use proper respiratory protection to immediately remove the affected victim from exposure. Administer artificial respiration if breathing has stopped. Keep at rest. Call for prompt medical attention.
- INGESTION:** DO NOT induce vomiting since it is important that no amount of the material should enter the lungs (aspiration). Keep at rest. Get prompt medical attention.

Section 5: FIRE FIGHTING MEASURES

- CONDITIONS OF FLAMMABILITY:** Open flame, above Flashpoint
- MEANS OF EXTINCTION:** Use water spray to cool fire exposed surfaces and to protect personnel. Use foam, dry chemical or water spray to extinguish fire. Avoid spraying water directly into storage containers due to danger of boil over. A self-contained breathing apparatus (SCBA) should be used for all indoor fires and any significant outdoor fires. For small outdoor fires, which may easily be extinguished with a portable fire extinguisher, use of an SCBA may not be required.
- FLASHPOINT:** >38°C
- UPPER EXPLOSION LIMIT (% by volume):** N / A
- LOWER EXPLOSION LIMIT (% by volume):** N / A
- AUTO-IGNITION TEMPERATURE:** N / A
- FLAMMABILITY CLASSIFICATION:** Combustible Liquid; may form combustible mixtures at or above the flash point.
- HAZARDOUS COMBUSTION PRODUCTS:** Toxic fumes may evolve on burning
- EXPLOSION DATA:** Flammable/toxic gases will form at elevated temperatures (thermal decomposition). Toxic gases will form upon combustion.
- STATIC DISCHARGE:** Material may accumulate static charges which may cause a fire. Do **not** handle or store near an open flame, sources material will accumulate static charges which may cause a spark. Static charge build-up could become an ignition source. Use proper relaxation and grounding procedures. Empty containers may contain product residue. Do not pressurize, cut, heat, or weld empty containers. Do not reuse empty containers without commercial cleaning or reconditioning.

Section 6: ACCIDENTAL RELEASE MEASURES

- LAND SPILL:** Eliminate source of ignition. Keep public away. Prevent additional discharge of material, possible to do so without hazard. Prevent spills from entering sewers, water sources or low areas. Contain spilled liquid with sand or earth. Do not use combustible materials such as sawdust. Recover by pumping (use an explosion proof motor or hand pump) or by using suitable absorbent. Consult an expert on disposal of recovered material. Ensure disposal in compliance with government requirements and ensure conformity to local disposal regulations. Notify the appropriate authorities immediately. Take all additional action necessary to prevent and remedy the adverse effects of the spill.



WATER SPILL: Remove from surface by skimming or with suitable absorbents. If allowed by local authorities and environmental agencies, sinking and/or suitable dispersants may be used in confined waters. Consult an expert on disposal of recovered material. Ensure disposal in compliance with government requirements and ensure conformity to local disposal regulations. Notify the appropriate authorities immediately. Take all additional action necessary to prevent and remedy the adverse effects of the spill.

Section 7: HANDLING AND STORAGE

Keep containers closed. Handle and open containers with care. Store in a cool, well ventilated place away from incompatible materials. In keeping with good personal hygiene practices, wash hands thoroughly after handling the material.

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT: The selection of personal protective equipment varies, depending upon conditions of use. In open systems where contact is likely, wear safety goggles, Chemical-resistant overalls, and chemically impervious gloves. Where only incidental contact is likely, wear safety goggles, long sleeves, and chemical-resistant gloves.

SPECIFIC ENGINEERING CONTROLS: The use of local exhaust ventilation is recommended to control emissions near the surface. Laboratory samples should be handled in a fume hood. Provide mechanical ventilation of confined spaces.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Liquid
ODOUR AND APPEARANCE:	Clear oil, petroleum odour
Viscosity:	8.7333 cST @40° C 2.492 cST @ 100°C
SPECIFIC GRAVITY:	.8450
VAPOUR PRESSURE:	< 1 kPa @ 38°C
VAPOUR DENSITY (air = 1):	N/A
EVAPOURATION RATE:	<1 (1-n.butylacetate)
BOILING POINT:	180 to 542°C
POUR POINT:	-25° C
DENSITY (@15°C, kg/L):	N/A
Solubility in water:	negligible

Section 10: STABILITY AND REACTIVITY

CHEMICAL STABILITY: This product is stable. Hazardous polymerization will not occur.

INCOMPATIBLE MATERIALS: Strong oxidizing agents.

CONDITIONS OF REACTIVITY:

HAZARDOUS DECOMPOSITION PRODUCTS: Smoke, carbon monoxide, carbon dioxide and trace amounts of oxides of nitrogen and sulphur.



Section 11: TOXICOLOGICAL INFORMATION

EXPOSURE LIMITS: Based on animal testing data from similar materials and products, the acute toxicity of this product is expected to be:

Oral: LD50 > 5000 mg/kg (Rat)
Dermal: LD50 > 2000 mg/kg (Rabbit)
Inhalation: LC50 > 2500 mg/m³ (Rat)

Section 12: ECOLOGICAL INFORMATION

Environmentally Hazardous Substance

CARCINOGENICITY, REPRODUCTIVE EFFECTS: Lifetime skin painting tests indicate that materials of similar composition have produced skin cancer in experimental animals. The relationship of these results to humans has not been fully established

Section 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Ensure disposal in compliance with government requirements and ensure conformity to local disposal regulations.

Section 14: TRANSPORT INFORMATION

SHIPPING NAME: Environmentally Hazardous Substance, Liquid N.O.S. Petroleum Distillates, N.O.S.
CLASS: 3
PACKAGING GROUP: 111
PIN NUMBER: UN1268

Section 15: REGULATORY INFORMATION

Manufacturer recommends; 100 ppm based on composition. ACGIH recommends: For oil mists, 5mg/m³.

CLEAN WATER ACT: Under Section 311 (b) of the Clean Water Act, discharges or crude oil and petroleum products in any kind of form to surface waters must be immediately reported to the National Response Center: 800-424-8802.

CALIFORNIA PROP 65: This product may contain chemicals known to the State of California to cause cancer (See also the Health Hazard Information Section).

WHMIS: Class B, Division 3, Combustible Liquids

CEPA: Canadian Environmental Protection Act

All components of this product are either on the Domestic S Substances List (DSL) or are exempt.

Section 16: OTHER INFORMATION

PREPARED BY: BOSS Lubricants

PHONE NUMBER OF PREPARER: 1-800-844-9457

PREPARED: May 13, 2015

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