BEHNKE LUBRICANTS INC

Material Safety Data Sheet

Approval Date 2/2/2007
Supersedes Date 11/3/2003

Section I. Chemical Product and Company Identification

Product Name/ Trade Name	**JAX MAGNA-PLATE 72, 74, 76 & 78**
Product ID No.	**00720, 00740, 00760, 00780**
Supplier	**BEHNKE LUBRICANTS INC.** **W134 N5373 CAMPBELL DRIVE** **MENOMONEE FALLS, WI 53051 USA**
Emergency Contact	For Chemical Emergency, Spill, Leak, Fire, Exposure or Accident, Call CHEMTREC: NORTH AMERICA 800-424-9300 INTERNATIONAL +01-703-527-3887 Collect
Synonym(s)	None
Chemical Name	Petroleum lubricating oil
Chemical Family	Petroleum hydrocarbon oil blend
Non-Emergency Contact	JAX: 262-781-8850 JAX/FAX: 262-781-3906
Chemical Formula	Mixture
Material Uses	Food-grade lubricant

Section II. Composition and Information on Ingredients

Name	PEL/TLV, Source	CAS #	% by Weight
PROPRIETARY FORMULA.	5 mg/m^3 (oil mist), OSHA	Mixture	100.0

Finished products are USDA H1-authorized and NSF H1-registered.

LC_{50}, LD_{50} of Ingredients Not available

Section III. Hazards Identification

Emergency Overview

Potential health risks vary from person to person. As a precaution, exposure to liquids, vapors, mists or fumes should be minimized. In an accident involving high-pressure equipment, this product may be injected under the skin, resulting in a small, sometimes bloodless puncture wound. Immediate treatment at a surgical emergency center is recommended.

Potential Health Effects:

Eye Contact

May cause slight irritation and redness.

Skin Contact

Contact with skin is not expected to cause prolonged or significant irritation. Not expected to be harmful to internal organs if absorbed through the skin. High-Pressure Equipment Information: Accidental high-velocity injection under the skin of materials of this type may result in serious injury. Seek medical attention at once should an accident like this occur. The initial wound at the injection site may not appear to be serious at first, but if left untreated, could result in disfigurement or amputation of the affected part.

Ingestion

Ingestion may cause irritation of the digestive tract. Aspiration into lungs can cause pneumonitis, which can be fatal.

Inhalation

Vapor inhalation under ambient temperature conditions is not normally a problem. May cause respiratory irritation or other pulmonary effects following prolonged or repeated inhalation of oil mist at airborne levels above the recommended oil mist exposure limit.

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Section III. Hazards Identification (cont'd)

HMIS Code	Health:	**1**	Fire:	**1**	Reactivity: **0**
NFPA Code	Health:	**1**	Fire:	**1**	Reactivity: **0**

Section IV. First Aid Measures

Eye Contact Remove contact lenses, if wearing, and flush eyes with water. If irritation persists, consult a physician.

Skin Contact Remove clothing and shoes, if contaminated. Wash skin with soap and water. Wash or clean contaminated clothing before resuse and discard oil-soaked shoes. If irritation persists, consult a physician.

Ingestion If swallowed, DO NOT induce vomiting. As a precaution, give the person a glass of water to drink and seek medical attention. Never give anything by mouth to an unconscious person. Consult a physician.

Inhalation If exposed to excessive levels of material in the air, move the exposed person to fresh air. Seek medical attention if coughing or respiratory discomfort occurs.

Section V. Fire and Explosion Data

Autoignition Temperature	Not available	**Sensitivity to Impact**	Not available
Flash Point	365°F (185°C) min., ASTM D 92	**Sensitivity to Static Discharge**	Not available
Flammable Limits (Approx.)	***LOWER*** Flammable Limit: Not available	***UPPER*** Flammable Limit:	Not available

Explosion Hazards See Lower and Upper Flammable Limits

Products of Combustion Carbon monoxide, carbon dioxide, smoke and irritating vapors as products of incomplete combustion.

Fire Fighting Media and Instructions Dry chemical, alcohol foam, and carbon dioxide type extinguishing agents may all be suitable for extinguishing fires involving this type of product, depending on the size or potential size of fire and circumstances related to the situation. Plan fire protection and response strategy through consultation with local fire protection authorities or appropriate specialists. The following procedures for this type of product are based on the recommendations in the National Fire Protection Association's Fire Protection Guide on Hazardous Materials. Use water to keep fire-exposed containers cool. If a leak or spill has not ignited, use water spray to disperse the vapors and to provide protection for men attempting to stop a leak. Water spray may be used to flush spills away from explosives. Firefighters should wear full protective gear, including helmet. Use supplied-air breathing equipment for enclosed or confined spaces or as otherwise needed.

Special Remarks - Fire and Explosion Hazards For fires involving this material, do not enter any enclosed or confined fire space without proper protective equipment, including self-contained breathing apparatus. Leaks/ruptures in high-pressure systems using materials of this type can create a fire hazard when in the vicinity of ignition sources (open flame, pilot lights, sparks or electric arcs).

Section VI. Accidental Release Measures

Release or Spill Recover free product. Add sand, earth, or other suitable absorbent material to the spill area. Minimize breathing vapors. Minimize skin contact. Open all windows and doors. Keep product out of sewers and watercourses by diking or impounding. Advise authorities if the product has entered or may enter sewers, watercourses, or extensive land areas.

Environmental Impact Report spills as required to the appropriate authorities. U.S Coast Guard Regulations require immediate reporting of spills that could reach any waterway including intermittent dry creeks. Report spill to the Coast Guard toll-free number 800-424-8802.

Section VII. Handling and Storage

Handling Container is not designed to contain pressure. Do not use pressure to empty container or it may rupture with explosive force. "Empty" containers retain product residue and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition as they may explode and can cause injury or death. Do not smoke when using this product. Empty container should be promptly returned to a drum reconditioner.

Storage Do not use in high-pressure systems in the vicinity of flames, sparks, and hot surfaces. Keep container closed. Do not store near heat, sparks, open flame, pilot lights, static electricity, or where temperature may exceed 120°F (49°C). Do not store in direct sunlight. Keep out of reach of children.

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Section VIII. Exposure Controls and Personal Protection

Respiratory Protection	Use respiratory protection if needed to keep airborne levels below recommended oil mist exposure limits.
Ventilation	Use in a well-ventilated area. See Engineering Controls.
Protective Gloves	Any lined non-permeable rubber gloves.
Eye Protection	Chemical splash goggles or face shield in compliance with OSHA regulations are advised when eye contact may occur.
Personal Hygiene	Wash skin thoroughly after contact, before breaks and meals and at end of work period. Product is readily removed from skin by waterless hand cleaners followed by washing thoroughly with soap and water.
Engineering Controls	If user operations generate an oil mist, use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below the recommended oil mist exposure limits.
Exposure Limit	5 mg/m3 (oil mist), OSHA

Section IX. Physical and Chemical Properties

Appearance/Odor	Water white colored lube oil with little or no odor	**Vapor Pressure**	Not available
		Vapor Density	Not available
Odor Threshold	Not available	**Percent Volatile**	0.0
Specific Gravity	0.8581 - 0.8724	**Evaporation Rate**	Not available
Density	Not available	**Viscosity**	Not available
Molecular Weight	Not available	**Solubility in Water**	Nil
pH	Not available	**Coefficient of Water/Oil Distribution**	Not available
Boiling Point	Not available		
Freezing/Melting Point	Not available	**Physical State**	Liquid

Section X. Stability and Reactivity Data

Stability	Stable under normal temperatures and pressures.
Conditions of Instability	Not available
Conditions of Reactivity	Not available
Conditions and Materials to Avoid	Avoid contact with heat, open flames, and oxidizing agents.
Hazardous Polymerization	Hazardous polymerization will not occur.
Hazardous Decomposition Products	Carbon monoxide, carbon dioxide, smoke and irritating vapors as products of incomplete combustion.

Section XI. Toxicological Information

Routes of Entry	Dermal contact, eye contact, inhalation, ingestion.
Toxicity to Animals	Not available
Effects of Acute Exposure	Not available
Acute Effects of Sensitization	Not available
Ingestion	Not available
Inhalation	Not available
Toxically Synergistic Products	Not available

Chronic Effects on Humans:

Carcinogenic Effects	This product does not contain a carcinogen or potential carcinogen as listed by NTP, IARC, or OSHA [29 CFR 1910.1200(D)#4].
Mutagenic Effects	No data available to indicate any components present at greater than 0.1% may present a mutagenic hazard.

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Section XI. Toxicological Information (cont'd)

Teratogenic Effects No data available to indicate any components present at greater than 0.1% may present a teratogenic hazard.

Reproductive Effects No data available to indicate any components present at greater than 0.1% may present a reproductive hazard.

Section XII. Ecological Information

Ecotoxicity There is no data available on the adverse effects of this material on the environment.

Section XIII. Disposal Considerations

Waste Disposal Consult federal, state or local authorities for proper disposal and reporting procedures. All disposals must comply wtih federal, state and local regulations.

Section XIV. Transportation Information

U.S. D.O.T.

Shipping Name: Not regulated **UN Number:** None

Hazard Class: None **Packing Group:** None

Remarks Petroleum Lubricating Oil - Not Hazardous by U.S. D.O.T.
ADR/RID Hazard Class - Not applicable.

Section XV. Regulatory Information

U.S. Federal Regulations:

CERCLA Release of the following chemical(s) at quantities equal to or greater than the reportable quantities (RQ), is regulated by 40 CFR 302.4 :

None

SARA (Section 313) This product contains the following chemical(s) listed in Section 313 at or above the de minimis concentrations:

None

SARA Extremely Hazardous List This product contains greater than 1.0% of the following chemical(s) on the SARA Extremely Hazardous Substances List:

None

TSCA Inventory All components of this material are on the U.S. TSCA Inventory.

California Prop. 65 This product contains the following chemical(s) known to the State of California to cause birth defects or other reproductive harm:

None

International Regulations:

Canada All components are in compliance with the Canadian Environmental Protection Act. This product has been classified in accordance with the hazard criteria of the CPR and this MSDS contains all the information required by CPR.

Japan MITI Not available

Australia Not available

Switzerland Not available

Section XVI. Other Information

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Prepared by Technical Services 262-781-8850

Sections Revised Since Last Version Sections I and II