



MATERIAL SAFETY DATA SHEET

CONFORMS TO DIRECTIVE 2001/58/EC AMENDING DIRECTIVE 91/155/EEC

Section 1. Identification of the Company and the Preparation

Product Name **JAX MAGNA-KOTE SDO**

Revision Date **6/2/2008**

Supersedes Date **4/30/2008**

Supplier **BEHNKE LUBRICANTS INC.
W134 N5373 CAMPBELL DRIVE
MENOMONEE FALLS, WI 53051 USA**

Product No. **49510**

Material Use Lubricant

Non-Emergency Contact Phone: 1-800-782-8850 (North America) +01-262-781-8850 (International)

Fax: 1-262-781-3906 (North America) +01-262-781-3906 (International)

In Case of Emergency CHEMTREC: 1-800-424-9300 (North America) +01-703-527-3887 Collect (International)

Section 2. Composition / Information on Ingredients

This preparation is not classified as dangerous according to Directive 1999/45/EC and its amendments.

Components listed below either meet the reporting requirements as specified in U.S. 29 CFR 1910.1200 or EU Directive 1999/45/EC as amended, or are reported for informational purposes only.

Ingredient*	%	PEL/TLV, Source	CAS #	EINECS #	EU Hazard Symbol	R-Phrases**
White mineral oil	40-60	5 mg/m ³ (oil mist), OSHA	8042-47-5	232-455-8	None	None

*See Section 11 for LD₅₀ and LC₅₀ of ingredients.

**See Section 16 for full text of R-Phrases.

Section 3. Hazards Identification

Physicochemical Hazards Not physicochemically hazardous per EU Directive 1999/45/EC definitions.

Human Health Hazards See Section 11.

Environmental Hazards No data available

Section 4. 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 reuse 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 5. Firefighting Measures

Flash Point N/A (aqueous emulsion)

Autoignition Temperature N/A

Sensitive to Mechanical Impact No

Sensitive to Static Discharge No

Lower Flammability Limit N/A

Upper Flammability Limit N/A

Extinguishing Media Use extinguishing media suitable for surrounding fire. As in any fire, wear self-contained breathing apparatus (SCBA) and full protective gear.

Special Hazards Container may explode in heat of fire. Move container from fire area if you can do it without risk. Apply cooling water to sides of containers that are exposed to flames until well after fire is out.

Products of Combustion Not applicable

Special Protective Equipment for Firefighters Firefighters should wear full protective clothing, including helmet, and NIOSH-approved self-contained breathing apparatus with full facepiece operated in pressure-demand or other positive-pressure mode.

Section 6. Accidental Release Measures

Personal Precautions Extinguish all sources of ignition. Provide sufficient ventilation and/or respiratory protection. Wear appropriate protective clothing, gloves, face mask, goggles/glasses to prevent contact with the eyes and skin. See Section 8.

Environmental Precautions 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.

Methods for Clean-Up Recover free product using non-sparking tools. Add sand, earth, or other suitable absorbent material to the spill area. Dispose of



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in accordance with national and/or local regulations relating to waste disposal.

Section 7. Handling and Storage

Handling	Keep away from extreme heat and strong oxidizers. DO NOT reuse empty containers without reconditioning. Avoid contact with eyes, skin and clothing. Wash hands after handling and before eating. Do not smoke when using this product. For industrial use only.
Storage	Do not store near extreme heat or strong oxidizers. Keep containers closed when not in use.

Section 8. Exposure Controls / Personal Protection

Occupational Exposure Limit	5 mg/m ³ (oil mist) OSHA, for total product; see Section 2 for component permissible exposure limit/threshold limit value (PEL/TLV).
Respiratory Protection	Use with adequate ventilation. Respiratory protective equipment is not normally required where there is adequate natural or local exhaust ventilation to control exposure. In case of insufficient ventilation, wear suitable respiratory equipment. A NIOSH/MSHA-approved air-supplied respirator is advised in absence of proper environmental control.
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 are advised when eye contact may occur.
Personal Hygiene	Wash skin thoroughly after contact, before breaks and meals and at the end of work period. Product is readily removed from skin by waterless hand cleaners followed by washing thoroughly with soap and water.
Engineering Controls	Good general ventilation should be sufficient to control vapors under ambient conditions. Additional ventilation or exhaust may be required to maintain air concentrations below recommended exposure limits.

Section 9. Physical and Chemical Properties

Appearance/Odor	White emulsion with little or no odor	Vapor Pressure	N/A
pH	North America: 6.0 - 6.5 European Union: 6,0 - 6,5	Solubility in Water	Forms an emulsion
Boiling Point	Initial boiling point = 212°F (100°C)	Density	North America: 7.78 lbs/US gal (typical) European Union: 0,932 g/cm ³ (typical)
Oxidizing Properties	Not an oxidizer	Viscosity	N/A
Percent Volatile	0	Vapor Density	N/A
Coefficient of Water/Oil Distribution	N/A	Evaporation Rate	N/A
Partition Coefficient: n-octanol/water	N/A	Physical State	Liquid

Section 10. Stability and Reactivity

Conditions and Materials to Avoid	Avoid extreme heat and strong oxidizers.
Hazardous Polymerization	Hazardous polymerization will not occur.
Hazardous Decomposition Products	Not applicable

Section 11. Toxicological Information

Routes of Entry	Skin contact, eye contact, ingestion and inhalation.
Skin	May cause slight irritation.
Eye	May cause irritation and redness.
Ingestion	May be harmful if swallowed, causing nausea, vomiting and abdominal pain.
Inhalation	Not expected to present an inhalation exposure risk at ambient temperatures. If vapors or mists are created upon heating or by mechanical means, those vapors or mists may cause irritation of the breathing passages.

Acute Toxicity / LD₅₀ and LC₅₀ of Ingredients

Ingredient	LD₅₀	LC₅₀
White mineral oil	Oral/Rat >5000 mg/kg	Oral/Rat >5000 mg/kg

Chronic Toxicity /
Carcinogenicity

Ingredient	CAS #	NTP Known Carcinogen	NTP Anticipated Carcinogen	IARC Group
White mineral oil	8042-47-5	No	No	No

Section 12. Ecological Information

Ecotoxicity	N/A	Bioaccumulative Potential	N/A
Mobility	N/A	Persistence and Degradability	N/A

Section 13. Disposal Considerations

Waste Disposal Consult national or regional authorities for proper disposal and reporting procedures. All disposals must comply with national and regional regulations.

Section 14. Transportation Information

Dangerous goods descriptions may not reflect package size, quantity, end-use or region-specific exceptions that can be applied to shipments. Consult shipping documents for material-specific descriptions.

U.S. D.O.T.

Proper Shipping Name: Not regulated
UN Number: None
Hazard Class: None
Packing Group: None
Remarks None

Land Transport ADR/RID

Proper Shipping Name Not regulated
UN Number None
Hazard Class None
Packing Group None

Maritime Transport IMDG

Proper Shipping Name Not regulated
IM Number None
IMDG Code None
Packing Group None

Air Transport IATA

Proper Shipping Name Not regulated
UN Number None
Hazard Class None
Packing Group None
Remarks None

Section 15. 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.

State Regulations

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

European Community Regulations

The content and format of this Material Safety Data Sheet are in accordance with Commission Directive 2001/58/EC, amending for the second time Commission Directive 91/155/EEC.

European Community Label Requirements

Danger Symbol(s) None

S-Phrase(s) Not classified according to EU Directive 99/45/EC

R-Phrase(s) R44: Risk of explosion if heated under confinement

Canada This product has been classified in accordance with the hazard criteria of the *Controlled Products Regulations (CPR)* and the MSDS contains all of the information required by the *CPR*.

Section 16. Other Information

Component R-Phrase(s) None

HMIS® Ratings Health: **1** Fire: **0** Physical Hazard: **0**
HMIS® Ratings: 0 = Minimal Hazard; 1 = Slight Hazard; 2 = Moderate Hazard; 3 = Serious Hazard; 4 = Severe Hazard

Abbreviations that May Be Used in this Document N/A = Not available
N/E = Not established

Sections Revised Section IX

Revision Date 6/2/2008

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*** END OF MSDS ***



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