



# JAX INC.

Approval Date 2/9/2009

Supersedes Date 1/31/2007

## Material Safety Data Sheet

### Section I. Chemical Product and Company Identification

Product Name/ Trade Name	<b>JAX MAGNA-KOTE SDO</b>	Product ID No.	<b>49510</b>
Supplier	<b>JAX INC. W134 N5373 CAMPBELL DRIVE MENOMONEE FALLS, WI 53051 USA</b>	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	Non-Emergency Contact	JAX: 262-781-8850 JAX/FAX: 262-781-3906
Chemical Name	Mixture		
Chemical Family	White mineral oil-based lubricating emulsion		
Chemical Formula	Mixture		
Material Uses	Lubricant		

### Section II. Composition and Information on Ingredients

Name	PEL/TLV, Source	CAS #	% by Weight
PROPRIETARY FORMULA. This product is a white mineral oil-based lubricating emulsion containing antiwear, corrosion & oxidation agents.	5 mg/m <sup>3</sup> (oil mist), OSHA	Mixture	100.0
LC <sub>50</sub> , LD <sub>50</sub> of Ingredients	Not available		

### Section III. Hazards Identification

<b>Emergency Overview</b>	Potential health risks vary from person to person. As a precaution, exposure to liquids, vapors, mists or fumes should be minimized.
<b>Potential Health Effects:</b>	
<b>Eye Contact</b>	May cause irritation and redness.
<b>Skin Contact</b>	May cause slight irritation.
<b>Ingestion</b>	May be harmful if swallowed, causing nausea, vomiting and abdominal pain.
<b>Inhalation</b>	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.

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**Section III. Hazards Identification (cont'd)**

HMIS Code	Health: <b>1</b>	Fire: <b>0</b>	Physical Hazard: <b>0</b>	<b>HAZARD RATINGS</b>	
				0 Minimal Hazard 1 Slight Hazard 2 Moderate Hazard	3 Serious Hazard 4 Severe Hazard

**Section IV. First Aid Measures**

<b>Eye Contact</b>	Remove contact lenses, if wearing, and flush eyes with water for 15 minutes. If irritation persists, consult a physician.
<b>Skin Contact</b>	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.
<b>Ingestion</b>	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.
<b>Inhalation</b>	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**

<b>Autoignition Temperature</b>	Not available	<b>Sensitivity to Impact</b>	Not available
<b>Flash Point</b>	Not available	<b>Sensitivity to Static Discharge</b>	Not available
<b>Flammable Limits (Approx.)</b>	<b>LOWER</b> Flammable Limit: Not applicable	<b>UPPER</b> Flammable Limit:	Not applicable
<b>Explosion Hazards</b>	See Lower and Upper Flammable Limits		
<b>Products of Combustion</b>	Not applicable		
<b>Firefighting Media and Instructions</b>	Use extinguishing media suitable for surrounding fire. As in any fire, wear self-contained breathing apparatus (SCBA) and full protective gear.		
<b>Special Remarks - Fire and Explosion Hazards</b>	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.		

**Section VI. Accidental Release Measures**

<b>Release or Spill</b>	Recover free product using non-sparking tools and equipment. 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, watercourse, or extensive land areas.
<b>Environmental Impact</b>	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**

<b>Handling</b>	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.
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**Section VII. Handling and Storage (cont'd)**

**Storage** Do not store near extreme heat or strong oxidizers. Keep containers closed when not in use.

**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 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.

**Exposure Limit** See Section II.

**Section IX. Physical and Chemical Properties**

<b>Appearance/Odor</b>	White emulsion with little or no odor	<b>Vapor Pressure</b>	Not available
		<b>Vapor Density</b>	Not available
<b>Odor Threshold</b>	Not available	<b>Percent Volatile</b>	0.0
<b>Specific Gravity</b>	0.9323 (typical)	<b>Evaporation Rate</b>	Not available
<b>Density</b>	7.78 lbs/gallon (typical)	<b>Viscosity</b>	Not available
<b>Molecular Weight</b>	Not available	<b>Solubility in Water</b>	Emulsion
<b>pH</b>	6.0 - 6.5	<b>Coefficient of Water/Oil Distribution</b>	Not available
<b>Boiling Point</b>	ibp = 212°F (100°C)	<b>Physical State</b>	Liquid
<b>Freezing/Melting Point</b>	Not available		

**Section X. Stability and Reactivity Data**

<b>Stability</b>	Stable under normal temperatures and pressures.	<b>Conditions of Reactivity</b>	Not available
<b>Conditions of Instability</b>	Not available		
<b>Conditions and Materials to Avoid</b>	Avoid extreme heat and strong oxidizers.		
<b>Hazardous Polymerization</b>	Hazardous polymerization will not occur.		
<b>Hazardous Decomposition Products</b>	Not applicable		

**Section XI. Toxicological Information**

<b>Routes of Entry</b>	Dermal contact, eye contact, inhalation, ingestion.	<b>Ingestion</b>	Not available
<b>Toxicity to Animals</b>	Not available	<b>Inhalation</b>	Not available
<b>Effects of Acute Exposure</b>	Not available	<b>Toxically Synergistic Products</b>	Not available
<b>Acute Effects of Sensitization</b>	Not available		
<b>Chronic Effects on Humans:</b>			
<b>Carcinogenic Effects</b>	This product does not contain a carcinogen or potential carcinogen as listed by NTP, IARC, or OSHA [29 CFR 1910.1200(D)#4].		
<b>Mutagenic Effects</b>	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)**

<b>Teratogenic Effects</b>	No data available to indicate any components present at greater than 0.1% may present a teratogenic hazard.
<b>Reproductive Effects</b>	No data available to indicate any components present at greater than 0.1% may present a reproductive hazard.

**Section XII. Ecological Information**

<b>Ecotoxicity</b>	There is no data available on the adverse effects of this material on the environment.
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**Section XIII. Disposal Considerations**

<b>Waste Disposal</b>	Consult federal, state or local authorities for proper disposal and reporting procedures. All disposals must comply with federal, state and local regulations.
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**Section XIV. Transportation Information**

<b>U.S. D.O.T.</b>			
<b>Shipping Name:</b>	Not regulated	<b>UN Number:</b>	None
<b>Hazard Class:</b>	None	<b>Packing Group:</b>	None
<b>Remarks</b>	None		

**Section XV. Regulatory Information****U.S. Federal Regulations:**

<b>CERCLA</b>	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
<b>SARA (Section 313)</b>	This product contains the following chemical(s) listed in Section 313 at or above the de minimis concentrations: None
<b>SARA Extremely Hazardous List</b>	This product contains greater than 1.0% of the following chemical(s) on the SARA Extremely Hazardous Substances List: None
<b>TSCA Inventory</b>	All components of this material are on the U.S. TSCA Inventory.
<b>California Prop. 65</b>	This product contains the following chemical(s) known to the State of California to cause birth defects or other reproductive harm: None

**International Regulations:**

<b>Canada</b>	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.
<b>Japan MITI</b>	Not available
<b>Australia</b>	Not available
<b>Switzerland</b>	Not available

**Section XVI. Other Information**

<b>Approval Date</b>	2/9/2009
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<b>Prepared by</b>	Technical Services 262-781-8850
<b>Sections Revised Since Last Version</b>	Section I

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