JAX INC.

Material Safety Data Sheet

Approval Date 2/9/2009
Supersedes Date 2/1/2007

Section I. Chemical Product and Company Identification

Product Name/ Trade Name	**JAX SUPER CYLINDER OIL**
Product ID No.	**14250**
Supplier	**JAX 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	Lubricating oil
Non-Emergency Contact	JAX: 262-781-8850 JAX/FAX: 262-781-3906
Chemical Family	Mixture
Chemical Formula	Mixture
Material Uses	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

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.

Potential Health Effects:

Eye Contact This product may cause transient mild eye irritation with short-term contact with liquid sprays or mists. Symptoms include stinging, watering, redness and swelling.

Skin Contact Skin irritation is not expected from short-term exposure. Prolonged or repeated contact may result in defatting and drying of the skin which may result in skin irritation (dermatitis).

Ingestion If swallowed, large volumes of material may cause generalized depression, headache, drowsiness, nausea, vomiting and diarrhea. Smaller doses may cause a laxative effect.

Inhalation No significant adverse health effects are expected to occur from short-term exposure.

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Section III. Hazards Identification (cont'd)

HMIS Code Health: ***1*** Fire: ***1*** Physical Hazard: ***0***

HAZARD RATINGS

0 Minimal Hazard
1 Slight Hazard
2 Moderate Hazard
3 Serious Hazard
4 Severe Hazard

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 If burned by hot material, cool skin by quenching with large amounts of cool water. For contact with product at ambient temperatures, remove contaminated shoes and clothing. Wash exposed skin with mild soap and water. Seek medical attention if tissue appears damaged or if pain or irritation persists. If material is injected under the skin, seek medical attention immediately.

Ingestion If swallowed, DO NOT induce vomiting. Do not give anything to drink unless directed to by a physician. Never give anything by mouth to an unconscious person. If significant amounts are swallowed or irritation or discomfort occurs, seek medical attention immediately. NOTE TO PHYSICIAN: There is a low risk of aspiration upon ingestion. Careful gastric lavage or emesis may be considered to evacuate large quantities of material.

Inhalation Vaporization is not expected at ambient temperatures. 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

Flash Point 554°F (290°C), ASTM D 92

Sensitivity to Impact Not available

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, unburned hydrocarbons, smoke, fumes, and trace oxides of sulfur and/or nitrogen.

Firefighting Media and Instructions Use dry chemical, foam, carbon dioxide or water fog as extinguishing media. Firefighters must use full bunker gear including NIOSH-approved positive-pressure self-contained breathing apparatus to protect against potential hazardous combustion or decomposition products and oxygen deficiencies.

Special Remarks - Fire and Explosion Hazards This material will release vapors when heated above the flash point temperature that can ignite when exposed to a source of ignition. In enclosed spaces, vapors can ignite with explosive force. Mists or sprays may burn at temperatures below the flash point.

Section VI. Accidental Release Measures

Release or Spill 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.

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 Keep away from heat, sparks and other sources of ignition. Empty containers may contain product residues that can ignite with explosive force. Do not pressurize, cut, weld, braze solder, drill, grind or expose containers to flames, sparks, heat or other potential ignition sources. 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. Avoid contamination and extreme temperatures to minimize product degradation.

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Section VII. Handling and Storage (cont'd)

Storage	Keep container closed. Do not store with strong oxidizing agents. Do not store at elevated temperatures. Avoid storing product in direct sunlight for extended periods of time. Consult appropriate federal, state and local authorities before reusing, reconditioning, reclaiming, recycling or disposing of empty containers or waste residues of this product.

Section VIII. Exposure Controls and Personal Protection

Respiratory Protection	Vaporization is not expected at ambient temperatures; the need for respiratory protection is not anticipated under normal conditions of use and with adequate ventilation. If elevated airborne concentrations above applicable workplace exposure levels are anticipated, a NIOSH-approved organic vapor respirator equipped with a dust/mist prefilter should be used.
Ventilation	Use in a well-ventilated area. See Engineering Controls.
Protective Gloves	Wear chemical-resistant gloves made of neoprene or heavy nitrile rubber to prevent frequent or prolonged exposure.
Eye Protection	Chemical splash goggles or face shield in compliance with OSHA regulations are advised when eye contact may occur.
Personal Hygiene	Wash hands and other exposed skin areas with mild soap and water before drinking, smoking, using the restroom or leaving work. Do NOT use gasoline, kerosene, solvents or harsh abrasives as skin cleaners.
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. An eye wash station and safety shower should be located near the work station.
Exposure Limit	See Section II.

Section IX. Physical and Chemical Properties

Appearance/Odor	Dark amber to black liquid with petroleum oil odor	**Vapor Pressure**	<0.01 mm Hg @ 20°C
		Vapor Density	>1
Odor Threshold	Not available	**Percent Volatile**	Negligible
Specific Gravity	0.9100	**Evaporation Rate**	Not available
Density	Not available	**Viscosity**	Not available
Molecular Weight	Not available	**Solubility in Water**	Insoluble in cold water
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 Reactivity**	Not available
Conditions of Instability	Not available		
Conditions and Materials to Avoid	Avoid heat, sparks, open flames and strong oxidizing materials.		
Hazardous Polymerization	Hazardous polymerization will not occur.		
Hazardous Decomposition Products	Carbon monoxide, carbon dioxide, unburned hydrocarbons, smoke, fumes, and trace oxides of sulfur and/or nitrogen.		

Section XI. Toxicological Information

Routes of Entry	Dermal contact, eye contact, inhalation, ingestion.	**Ingestion**	Not available
Toxicity to Animals	Not available	**Inhalation**	Not available
Effects of Acute Exposure	Not available	**Toxically Synergistic Products**	Not available
Acute Effects of Sensitization	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 with 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 None

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

Approval Date **2/9/2009**

Supersedes Date **2/1/2007**

Prepared by Technical Services 262-781-8850

Sections Revised Since Last Version Section I