



JAX INC.

Approval Date 9/15/2009

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Material Safety Data Sheet

Section I. Chemical Product and Company Identification

Product Name/ Trade Name	JAX PYRO-KOTE FG ISO 68, 100 AND 220	Product ID No.	PKFGK; PKFGL; PKFGN
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	Lubricant		
Chemical Family	Formulated synthetic ester lube	Non-Emergency Contact	JAX: 262-781-8850 JAX/FAX: 262-781-3906
Chemical Formula	Mixture		
Material Uses	Lubricant		

Section II. Composition and Information on Ingredients

Name	PEL/TLV, Source	CAS #	% by Weight
PROPRIETARY FORMULA.	NE	Mixture	100
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	May cause slight irritation and redness.
Skin Contact	May cause slight irritation.
Ingestion	Single dose oral toxicity is relatively low. Small amounts swallowed incidental to normal handling is not likely to cause injury; swallowing amounts larger than that may cause irritation of the digestive tract. Aspiration into lungs can cause pneumonitis, which can be fatal. NOTES TO PHYSICIAN: Contains a minimal amount of triphenyl phosphate that has been reported to be a weak cholinesterase inhibitor in humans. Atropine and/or pralidoxime may be antidotal in cases with ingestion of a large amount of this product if cholinesterase inhibition is suspected.
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.

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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
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Section IV. First Aid Measures

Eye Contact	Remove contact lenses, if wearing, and flush eyes with water for at least 15 minutes. If irritation persists, consult a physician.
Skin Contact	For skin contact, wipe away excess material with dry towel. Then wash affected areas with plenty of water, and mild soap if available, for several minutes. Get medical attention if irritation occurs.
Ingestion	If swallowed, observe victim for 24 hours; seek medical attention if indicated. If vomiting occurs, keep head lower than hips to prevent aspiration.
Inhalation	If exposed to excessive levels of material in the air, move the exposed person to fresh air. If breathing is difficult, give oxygen; seek medical attention if respiratory difficulties continue. If not breathing, give artificial respiration and seek medical attention immediately.

Section V. Fire and Explosion Data

Autoignition Temperature	Not available	Sensitivity to Impact	Not available
Flash Point	554°F (290°C) min., ASTM D 92	Sensitivity to Static Discharge	Sensitivity to static discharge is not expected.
Flammable Limits (Approx.)	LOWER Flammable Limit: Not available	UPPER Flammable Limit:	Not available
Explosion Hazards	See Lower and Upper Flammable Limits		
Products of Combustion	No unusual decomposition products are known.		
Firefighting Media and Instructions	<p>Extinguishing Media: Water fog, carbon dioxide, foam, dry chemical</p> <p>Special Firefighting Instructions: Containers can build up pressure if exposed to heat (fire). Fire involving large amounts of material should not be approached because individual containers may rupture abruptly causing "fireball" effect. Firefighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires. Use water spray to cool nearby containers and structures exposed to fire.</p>		
Special Remarks - Fire and Explosion Hazards	None.		

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, open flame or where temperature may exceed 49°C (120°F). Do not throw empty container into fire or trash compactor. 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, or grind such containers as they may explode and can cause injury or death. Use only with adequate ventilation. Do not breathe vapor or mist. Do not take internally. Do not get in eyes, on skin or on clothing. Wash thoroughly after handling. Do not transfer to nor store in an unmarked container. Read label and MSDS before using. Do not smoke when handling or using this product. Do not use in high-pressure systems in the vicinity of flames, sparks and hot surfaces. Empty container should be promptly returned to a drum reconditioner. For industrial use only.
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Section VII. Handling and Storage (cont'd)

Storage Store in tightly sealed containers. Store in a cool, dry place out of direct sunlight. Do not store near heat, sparks, open flame, pilot lights, static electricity, or where temperature may exceed 49°C (120°F). Rotate stock.

Section VIII. Exposure Controls and Personal Protection

Respiratory Protection None required under normal conditions. 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.

Engineering Controls None required under normal conditions. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits.

Exposure Limit 5 mg/m³ for oil mist

Section IX. Physical and Chemical Properties

Appearance/Odor	Clear, yellow-amber liquid with characteristic odor	Vapor Pressure	Not available
		Vapor Density	Not available
Odor Threshold	Not available	Percent Volatile	Not available
Specific Gravity	0.97 - 0.99 (typical)	Evaporation Rate	Not available
Density	8.1 - 8.3 lbs/US gallon (typical)	Viscosity	Not available
Molecular Weight	Not available	Solubility in Water	Insoluble
pH	Not available	Coefficient of Water/Oil Distribution	Not available
Boiling Point	Not available	Physical State	Liquid
Freezing/Melting Point	-22°F (-30°C)		

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, open flames and oxidizing materials.

Hazardous Polymerization Hazardous polymerization will not occur.

Hazardous Decomposition Products No unusual decomposition products are known.

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.
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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.
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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

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Prepared by	Technical Services 262-781-8850
Sections Revised Since Last Version	Section I

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