



SAFETY DATA SHEET

CONFORMS TO OSHA HAZARD COMMUNICATION STANDARD
(HCS) 29 CFR 1910.1200


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Revision Date 7/16/2018
Supersedes Date 8/4/2016

SECTION 1. IDENTIFICATION

Product identifier: JAX Pyro-Kote® FG XTL
Part number: PKXTL
Identified uses: Lubricant where there may be incidental food contact
Uses advised against: Not intended for direct food contact. Other uses advised against may be specified elsewhere in this SDS.

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Emergency telephone: INFOTRAC:
North America 1-800-535-5053 Australia 1-300-366-961 Germany 0800-181-2926
International 011-1-352-323-3500 (collect) China 400-120-0761

SECTION 2. HAZARD(S) IDENTIFICATION

Classification: Acute Toxicity (Inhalation - Mist) Cat. 4
Label elements
Pictograms: 
Signal word: Warning
Hazard statements: Harmful if inhaled.
Precautionary statements: IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell.
Hazards not otherwise classified: Harmful to aquatic life with long lasting effects. The following percentage of the mixture consists of components(s) with unknown hazards regarding the acute toxicity: 95.5% dermal; 95.5% oral; 95.5% Inhalation - Vapor.
Additional information: Not applicable.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Composition:</u>	<u>Chemical name</u>	<u>%</u>	<u>CAS #</u>	<u>Impurities</u>
	Oxirane, methyl-, polymer with oxirane, monobutyl ether	80-99	9038-95-3	None
	Butylated hydroxytoluene	<1	128-37-0	None

SECTION 4. FIRST-AID MEASURES

First aid measures
Eye contact: Remove contact lenses, if wearing, and flush eyes with water for at least 15 minutes or until irritation subsides. 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: Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention immediately.
Most important symptoms and effects, both acute and delayed: Harmful if inhaled.
Indication of any immediate medical No further relevant information available.

attention and special treatment available:**General information:** Treat according to symptoms (decontamination, vital functions), no known specific antidote.**SECTION 5. FIRE-FIGHTING MEASURES****Suitable extinguishing media:** Extinguishing media include water spray; dry powder; foam. Do not use direct stream of water. Water may be used to keep fire-exposed containers cool.**Unsuitable extinguishing media:** Do not use direct stream of water.**Specific hazards:** Pressure build-up due to heat exposure may cause containers to rupture. Use water spray to keep containers cool.**Advice for firefighters:** Firefighters should wear full protective gear, including helmet. Use supplied-air breathing equipment for enclosed or confined space or as otherwise needed.**SECTION 6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures:** In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations. Keep away from ignition sources. Wear protective equipment. Keep unprotected persons away. High risk of slipping due to leakage/spillage of product.**Environmental precautions:** Prevent entry into sewers, waterways or confined areas by diking or impounding. Dike far ahead of spill for later recovery and disposal. Advise authorities if the product has entered or may enter sewers, watercourses, or extensive land areas.**Methods for containment and cleaning up**
For small amounts: Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder). Dispose of absorbed material in accordance with regulations.
For large amounts: Pump off product. Place absorbed material in the same container as the spilled substance/product for disposal.**SECTION 7. HANDLING AND STORAGE****Precautions for safe handling:** Keep away from heat and direct sunlight. Ensure good ventilation/exhaustion at the workplace.**Conditions for safe storage, including any incompatibilities:** Segregate from acids and bases. Segregate from strong oxidizing agents. Keep container tightly closed and dry; store in a cool place.**SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

<u>Workplace exposure limits:</u>	<u>Chemical name</u>	<u>Exposure limit and source</u>
	Oxirane, methyl-, polymer with oxirane, monobutyl ether	Not available
	Butylated hydroxytoluene	2 mg/m ³ (inhalable fraction and vapor), TWA, ACGIH TLV

Exposure controls**Engineering controls:** Provide exhaust ventilation or other engineering controls to keep the airborne concentration of vapors below their respective occupational exposure limits.**Ventilation:** Use in a well-ventilated area. See Engineering Controls.**Personal hygiene:** Wash skin thoroughly after contact, before breaks and meals and at the end of the work period. Product is readily removed from skin by waterless hand cleaners followed by washing thoroughly with soap and water.**Eye protection:** Chemical splash goggles or face shield in compliance with OSHA regulations are advised when eye contact may occur.**Hand protection:** Wear chemical-resistant protective gloves. Consult with glove manufacturer for testing data.**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.**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

<u>Appearance / odor:</u>	White liquid with little or no odor	<u>Upper flammability limit:</u>	Not available
		<u>Lower flammability limit:</u>	Not available
<u>Physical state:</u>	Liquid	<u>Vapor pressure:</u>	Not available
<u>Odor threshold:</u>	Not available	<u>Vapor density:</u>	Not available
<u>pH:</u>	Not available		

Melting / freezing point:	Not available	Relative density:	1.05 (typical)
Initial boiling point and boiling range:	Not available	Solubility in water:	Not available
Flash point:	554°F (290°C), ASTM D 92	Partition coefficient (n-octanol/water):	Not available
Evaporation rate:	Not available	Autoignition temperature:	Not available
Flammability (solid, gas):	Not applicable	Decomposition temperature:	Not available
		Viscosity:	Not available

SECTION 10. STABILITY AND REACTIVITY

Reactivity:	Not reactive under normal conditions.
Chemical stability:	Stable under recommended conditions.
Possibility of hazardous reactions:	Hazardous reactions are not expected to occur.
Conditions and materials to avoid:	This product is normally unreactive; however, avoid strong bases at high temperatures, strong acids, strong oxidizing agents and materials reactive with hydroxyl compounds.
Hazardous decomposition products:	Carbon monoxide, carbon dioxide, smoke and irritating vapors as products of incomplete combustion.

SECTION 11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure**

Eye contact:	No known significant effects or critical hazards.
Skin contact:	No known significant effects or critical hazards.
Inhalation:	Harmful if inhaled.
Ingestion:	No known significant effects or critical hazards.

Component information:	Components	LD₅₀	LC₅₀
	Oxirane, methyl-, polymer with oxirane, monobutyl ether	>2000 mg/kg (oral, rat)	1-<5 mg/l/4h (inhalation, rat)
	Butylated hydroxytoluene	>6000 mg/kg (oral, rat)	Not available

Information on physical, chemical and toxicological effects

Symptoms:	See Section 4 of this SDS for symptoms.
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Delayed and immediate effects, and chronic effects, from short and long-terms exposure

Effects:	Harmful if inhaled.
Carcinogenicity:	This product does not contain a carcinogen or potential carcinogen as listed by NTP or IARC.
Numerical measures of toxicity:	Not determined

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity:	Harmful to aquatic life with long lasting effects.		
Component information:	Components	L(E)C₅₀	
	Oxirane, methyl-, polymer with oxirane, monobutyl ether	>100 mg/l/96h (Leuciscus idus)	
	Butylated hydroxytoluene	5 mg/l/48h (Oryzias latipes)	
Persistence and degradability:	Not determined		
Bioaccumulative potential:	Not determined		
Mobility in soil:	Not available		
Other adverse effects:	Not determined		

SECTION 13. DISPOSAL CONSIDERATIONS

Waste treatment methods: Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal. Consult national or regional authorities for proper disposal and reporting procedures.

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>Proper Shipping Name:</u>	<u>UN Number:</u>	<u>Hazard Class:</u>	<u>Packing Group:</u>	<u>Remarks:</u>
<u>U.S. D.O.T.</u>	Not regulated	None	None	None	None
<u>ADR/RID</u>	Not regulated	None	None	None	None
<u>IMDG</u>	Not regulated	None	None	None	None
<u>IATA</u>	Not regulated	None	None	None	None

SECTION 15. REGULATORY INFORMATION

U.S. Federal Regulations

SARA Section 302 Extremely Hazardous Substances: This product contains greater than 1.0% of the following chemical(s) on the SARA Extremely Hazardous Substances List: None

SARA Section 304 CERCLA Hazardous Substances: Release of the following chemical(s) at quantities equal to or greater than the reportable quantities (RQ), is subject to reporting to the National Response Center under CERCLA: Propylene oxide, CAS #75-56-9 (RQ = 100 lbs.); 1,4-Dioxane, CAS # 123-91-1 (RQ = 100 lb.); Ethylene oxide, CAS #75-21-8 (RQ = 10 lbs.).

SARA Section 313 Toxic Chemicals: This product contains the following chemical(s) listed in Section 313 at or above the de minimis concentrations: None

TSCA Inventory: All components are either listed or exempted from listing on the TSCA Inventory.

U.S. State Regulations

California Proposition 65 Status: This product contains chemical(s) known to the State of California to cancer, birth defects, or other reproductive harm.

California Proposition 65 Listed Components: Ethylene oxide (CAS #75-21-8); 1,4-Dioxane (CAS # 123-91-1).

International Regulations

Canada: This product has been classified in accordance with the hazard criteria of WHMIS 2015 and the SDS contains all of the information required by those regulations.

Japan MITI: Not available

Australia: Not available

Switzerland: Not available

SECTION 16. OTHER INFORMATION

Sections Revised: Section 15

Revision Date: 7/16/2018

The information and recommendations contained herein are, to the best of JAX INC's knowledge and belief, accurate and reliable as of the date issued. JAX INC makes no warranty or guarantee, expressed or implied, of their accuracy or reliability, and JAX INC shall not be liable for any loss or damage based upon the criteria supplied by the developers of these rating systems, together with JAX INC's interpretation of the available data.

*** END OF SDS ***