



# SAFETY DATA SHEET

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

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Revision Date 7/30/2015  
Supersedes Date 7/15/2015

## SECTION 1. IDENTIFICATION

**Product identifier:** JAX Magna-Kote® 1020 ISO 150 and JAX Magna-Kote® 1020 ISO 220

**Part number:** 10200; 10220

**Identified uses:** Industrial lubricant

**Uses advised against:** Any use not specified above, or any use specified against elsewhere in this SDS.

**Supplier:** JAX INC.  
W134 N5373 Campbell Drive  
Menomonee Falls, WI 53051 USA

**Email contact:** info@jax.com


**Non-emergency contact:** Phone: 262-781-8850 Fax: 262-781-3906

**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:** Avoid breathing mist/ vapors/ spray. Use only outdoors or in a well-ventilated area. 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:** Not applicable

**Additional information:** The following percentage of the mixture consists of components(s) with unknown hazards regarding the acute toxicity: 100% dermal; 100% oral; 100% inhalation - vapor.

## 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	75-95	9038-95-3	None

## SECTION 4. FIRST-AID MEASURES

**First aid measures**

**Eye contact:** Wash affected eyes for at least 15 minutes under running water with eyelids held open. Seek medical attention.

**Skin contact:** Wash thoroughly with soap and water. If irritation develops, seek medical attention.

**Ingestion:** Rinse mouth and then drink plenty of water. Do not induce vomiting. Immediate medical attention required.

**Inhalation:** Remove the affected individual into fresh air and keep the person calm. Seek medical attention.

**Most important symptoms and effects, both acute and delayed:** Harmful if inhaled.

**Indication of any immediate medical attention and special treatment available:** Treat according to symptoms (decontamination, vital functions); no known specific antidote.

**General information:** No further relevant information available.

## SECTION 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media:** Extinguishing media include dry chemical, alcohol foam, and carbon dioxide. 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.

<b><u>Specific hazards:</u></b>	Pressure build-up due to heat exposure may cause containers to rupture. Use water spray to keep containers cool. <b>Hazards during firefighting:</b> harmful vapors; evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.
<b><u>Advice for firefighters:</u></b>	Firefighters should be equipped with self-contained breathing apparatus and turn-out gear. The degree of risk is governed by the burning substance and the fire conditions. Contaminated extinguishing water must be disposed of in accordance with official regulations.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

<b><u>Personal precautions, protective equipment and emergency procedures</u></b>	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.
<b><u>Environmental precautions:</u></b>	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.
<b><u>Methods for containment and cleaning up</u></b>	<b>For small amounts:</b> Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder). Dispose of absorbed material in accordance with regulations. <b>For large amounts:</b> Pump off product. Place absorbed material in the same container as the spilled substance/product for disposal.

## SECTION 7. HANDLING AND STORAGE

<b><u>Precautions for safe handling:</u></b>	Keep away from heat and direct sunlight. Ensure good ventilation/exhaustion at the workplace.
<b><u>Conditions for safe storage, including any incompatibilities:</u></b>	Store in a cool, dry place in tightly sealed containers. Store out of direct sunlight. Do not store near heat, sparks, open flame, pilot lights, static electricity, or other sources of ignition. Do not store where temperature may exceed 49°C (120°F). Segregate from acids and bases. Segregate from strong oxidizing agents.

## SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b><u>Workplace exposure limits:</u></b>	<b><u>Chemical name</u></b> Oxirane, methyl-, polymer with oxirane, monobutyl ether	<b><u>Exposure limit and source</u></b> Not available
<b><u>Exposure controls</u></b>		
<b>Engineering controls:</b>	Provide exhaust ventilation or other engineering controls to keep the airborne concentration of vapors below their respective occupational exposure limits.	
<b>Ventilation:</b>	Use in a well-ventilated area. See Engineering Controls.	
<b>Personal hygiene:</b>	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.	
<b>Eye protection:</b>	Chemical splash goggles or face shield in compliance with OSHA regulations are advised when eye contact may occur.	
<b>Hand protection:</b>	Any lined non-permeable rubber gloves.	
<b>Respiratory protection:</b>	Wear respiratory protection if ventilation is inadequate. Breathing protection is required if breathable aerosols are formed.	

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

<b><u>Appearance / odor:</u></b>	Amber viscous liquid with little or no odor	<b><u>Upper flammability limit:</u></b>	Not available
		<b><u>Lower flammability limit:</u></b>	Not available
<b><u>Physical state:</u></b>	Liquid	<b><u>Vapor pressure:</u></b>	Not available
<b><u>Odor threshold:</u></b>	Not available	<b><u>Vapor density:</u></b>	Not available
<b><u>pH:</u></b>	Not available		
<b><u>Melting / freezing point:</u></b>	Not available	<b><u>Relative density:</u></b>	1.03 (typical)
<b><u>Initial boiling point and boiling range:</u></b>	Not available	<b><u>Solubility in water:</u></b>	Not available
<b><u>Flash point:</u></b>	JAX Magna-Kote 1020 ISO 150 = 538°F (281°C), ASTM D 92 JAX Magna-Kote 1020 ISO 220 = 583°F (306°C), ASTM D 92	<b><u>Partition coefficient (n-octanol/water):</u></b>	Not available
<b><u>Evaporation rate:</u></b>	Not available	<b><u>Autoignition temperature:</u></b>	Not available
		<b><u>Decomposition temperature:</u></b>	Not available

**Flammability (solid, gas):** Not applicable

**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:** **Conditions to avoid:** See Section 7 - Handling and Storage.  
**Incompatible materials:** Strong bases, strong acids, oxidizing agents, reactive chemicals.

**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:** The following percentage of the mixture consists of components(s) with unknown hazards regarding the acute toxicity: 100 % dermal.

**Inhalation:** Harmful if inhaled. The following percentage of the mixture consists of components(s) with unknown hazards regarding the acute toxicity: 100 % Inhalation - vapor.

**Ingestion:** The following percentage of the mixture consists of components(s) with unknown hazards regarding the acute toxicity: 100 % oral.

<b>Component information:</b>	<b>Components</b>	<b>LD<sub>50</sub></b>	<b>LC<sub>50</sub></b>
	Oxirane, methyl-, polymer with oxirane, monobutyl ether	>2000 mg/kg (oral, rat)	1-<5 mg/l/4h (inhalation, rat)

**Information on physical, chemical and toxicological effects**

**Symptoms:** Please see Section 4 of this SDS for symptoms.

**Delayed and immediate effects, and chronic effects, from short and long-terms exposure**

**Effects:** Harmful if inhaled. The following percentage of the mixture consists of components(s) with unknown hazards regarding the acute toxicity: 100 % dermal; 100 % oral; 100 % Inhalation - vapor.

**Carcinogenicity:** No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

**Numerical measures of toxicity:** Not determined

**SECTION 12. ECOLOGICAL INFORMATION**

**Ecotoxicity:** Not available

<b>Component information:</b>	<b>Components</b>	<b>L(E)C<sub>50</sub></b>
	Oxirane, methyl-, polymer with oxirane, monobutyl ether	>100 mg/l/96h (Leuciscus idus)

**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 lbs.  
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 of this material are on the U.S. TSCA Inventory.

**U.S. State Regulations**

**California Proposition 65 Status** This product contains the following chemical(s) known to the State of California to cause birth defects or other reproductive harm:

**California Proposition 65 Listed Components** Propylene oxide (CAS #75-56-9); Ethylene oxide (CAS #75-21-8); 1,4-Dioxane (CAS # 123-91-1).

**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 SDS contains all the information required by CPR.

**Japan MITI:** Not available

**Australia:** Not available

**Switzerland:** Not available

**SECTION 16. OTHER INFORMATION**

**Sections Revised:** New SDS format

**Revision Date:** 7/30/2015

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\*\*\* END OF SDS \*\*\*