



# SAFETY DATA SHEET

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

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Revision Date 7/30/2018

Supersedes Date 5/30/2017

## SECTION 1. IDENTIFICATION

**Product identifier:** JAX Magna-Kote® MLD

**Part number:** MLD1

**Identified uses:** Lubricant where there is no possibility of contact with food

**Uses advised against:** Not for use where there is the possibility of contact with food. Other uses advised against may be specified elsewhere in this SDS.

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**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:** Flammable Liquid Cat. 3; Skin Irritation Cat. 2; Eye Irritation Cat. 2A; STOT SE 3 (Central nervous system); Reproductive Tox. 1B (fertility); Repr. Tox. (unborn child) 2; STOT SE 2 (oral; blood system); STOT SE 2 (inhalation; blood system); Aspiration Toxicity Cat. 1

**Label elements**

**Pictograms:**   

**Signal word:** Danger

**Hazard statements:** Flammable liquid and vapor. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. May damage fertility. Suspected of damaging the unborn child. May cause damage to organs if inhaled (blood system). May cause damage to organs if swallowed (blood system). May be fatal if swallowed and enters airways.

**Precautionary statements:** Keep away from heat/ sparks/ open flames/ hot surfaces. - No smoking. Keep container tightly closed. Ground/ Bond container and receiving equipment. Use explosion-proof electrical/ ventilating/ lighting/ equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear protective gloves/ protective clothing/ eye protection/ face protection. Wash skin thoroughly after handling. Do not breathe fume/ mist/ vapors/ spray. Use only outdoors or in a well-ventilated area. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not eat, drink or smoke when using this product. In case of fire: Use for extinction: CO2, powder or water spray. IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/ attention. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/ physician if exposed or concerned, or if you feel unwell. IF SWALLOWED: Immediately call a poison center/doctor. Do NOT induce vomiting. Store locked up in a well-ventilated place. Keep cool. Keep container tightly closed. Dispose of contents/ container in accordance with local/ regional/ national/ international regulations.

**Hazards not otherwise classified:** Harmful to aquatic life with long lasting effects.

**Additional information:** Not applicable.

## SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Composition:	Chemical name	%	CAS #	Impurities
	Naphtha (petroleum), hydrotreated heavy*	50-100	64742-48-9	None
	tris(methylphenyl) phosphate	1-5	1330-78-5	None

## SECTION 4. FIRST-AID MEASURES

### First aid measures

<b>Eye contact:</b>	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.
<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>	Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention immediately.
<b><u>Most important symptoms and effects, both acute and delayed:</u></b>	Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. May damage fertility. Suspected of damaging the unborn child. May cause damage to organs if inhaled (blood system). May cause damage to organs if swallowed (blood system). May be fatal if swallowed and enters airways.
<b><u>Indication of any immediate medical attention and special treatment available:</u></b>	See First aid measures (above).
<b><u>General information:</u></b>	No further relevant information available.

## SECTION 5. FIRE-FIGHTING MEASURES

<b><u>Suitable extinguishing media:</u></b>	Carbon dioxide (CO <sub>2</sub> ), dry chemical or water spray. Fight larger fires with water spray or alcohol resistant foam.
<b><u>Unsuitable extinguishing media:</u></b>	Do not use direct stream of water.
<b><u>Specific hazards:</u></b>	Flammable liquid and vapor. Pressure build-up due to heat exposure may cause containers to rupture. Use water spray to keep containers cool.
<b><u>Advice for firefighters:</u></b>	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

<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>	<p><b>Land spill:</b> Stop leak if you can do so without risk. Recover free product using non-sparking tools. Add sand, earth, or other suitable absorbent material to the spill area. Recover by pumping or with suitable absorbents. Dispose of in accordance with national and/or local regulations relating to waste disposal.</p> <p><b>Water spill:</b> Stop leak if you can do so without risk. Confine the spill immediately with booms. Remove from the surface by skimming or with suitable absorbents. Seek the advice of a specialist before using dispersants.</p>

## 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). Store away from oxidizing agents. Rotate stock.

## SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b><u>Workplace exposure limits:</u></b>	<b><u>Chemical name</u></b>	<b><u>Exposure limit and source</u></b>
	Naphtha (petroleum), hydrotreated heavy*	Not available
	tris(methylphenyl) phosphate	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.	

- 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:** Any lined non-permeable rubber gloves.
- 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

<b>Appearance / odor:</b>	Dark gray fluid, very low viscosity, slight mineral spirits odor	<b>Upper flammability limit:</b>	Not available
<b>Physical state:</b>	Liquid	<b>Lower flammability limit:</b>	Not available
<b>Odor threshold:</b>	Not available	<b>Vapor pressure:</b>	Not available
<b>pH:</b>	Not available	<b>Vapor density:</b>	Not available
<b>Melting / freezing point:</b>	Not available	<b>Relative density:</b>	0.80 (typical)
<b>Initial boiling point and boiling range:</b>	Not available	<b>Solubility in water:</b>	Not available
<b>Flash point:</b>	108°F (42°C), ASTM D 56	<b>Partition coefficient (n-octanol/water):</b>	Not available
<b>Evaporation rate:</b>	Not available	<b>Autoignition temperature:</b>	Not available
<b>Flammability (solid, gas):</b>	Not applicable	<b>Decomposition temperature:</b>	Not available
		<b>Viscosity:</b>	Not available

## SECTION 10. STABILITY AND REACTIVITY

<b>Reactivity:</b>	Not reactive under normal conditions.
<b>Chemical stability:</b>	Stable under recommended conditions.
<b>Possibility of hazardous reactions:</b>	Hazardous reactions are not expected to occur.
<b>Conditions and materials to avoid:</b>	Avoid heat, sparks, open flames and strong oxidizing agents. Avoid prolonged storage at elevated temperatures.
<b>Hazardous decomposition products:</b>	Carbon monoxide, carbon dioxide, oxides of nitrogen and phosphorus, and various hydrocarbons.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

<b>Eye contact:</b>	Acute exposure: Causes serious eye irritation.
<b>Skin contact:</b>	Acute exposure: Causes skin irritation.
<b>Inhalation:</b>	Acute exposure: May cause damage to organs if inhaled (blood system). May cause drowsiness or dizziness. May be fatal if swallowed and enters airways.
<b>Ingestion:</b>	Acute exposure: May cause damage to organs if swallowed (blood system). May cause drowsiness or dizziness. May be fatal if swallowed and enters airways.

<b>Component information:</b>	<b>Components</b>	<b>LD<sub>50</sub></b>	<b>LC<sub>50</sub></b>
	Naphtha (petroleum), hydrotreated heavy*	>5000 mg/kg (oral, rat)	Not available
	tris(methylphenyl) phosphate	15750 mg/kg (oral, rat)	Not available

### Information on physical, chemical and toxicological effects

<b>Symptoms:</b>	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

<b>Effects:</b>	Chronic exposure: May damage fertility. Suspected of damaging the unborn child.
<b>Carcinogenicity:</b>	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.
<b>Numerical measures of</b>	Not determined

toxicity:**SECTION 12. ECOLOGICAL INFORMATION**

<b><u>Ecotoxicity:</u></b>	Harmful to aquatic life with long lasting effects.	
<b><u>Component information:</u></b>	<b><u>Components</u></b>	<b><u>L(E)C<sub>50</sub></u></b>
	Naphtha (petroleum), hydrotreated heavy* tris(methylphenyl) phosphate	Not available 0.146 mg/l/48h (Daphnia magna)
<b><u>Persistence and degradability:</u></b>	Not determined	
<b><u>Bioaccumulative potential:</u></b>	Not determined	
<b><u>Mobility in soil:</u></b>	Not available	
<b><u>Other adverse effects:</u></b>	Not determined	

**SECTION 13. DISPOSAL CONSIDERATIONS**

<b><u>Waste treatment methods:</u></b>	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.
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**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.

	<b><u>Proper Shipping Name:</u></b>	<b><u>UN Number:</u></b>	<b><u>Hazard Class:</u></b>	<b><u>Packing Group:</u></b>	<b><u>Remarks:</u></b>
<b><u>U.S. D.O.T.</u></b>	Flammable liquid, n.o.s. (Naphtha (petroleum), hydrotreated heavy)	UN1993	3	III	Refer to Code of Federal Regulations, Title 49 (49 CFR) for additional information on provisions, packaging, and Limited Quantity exceptions.
<b><u>ADR/RID</u></b>	Flammable liquid, n.o.s. (Naphtha (petroleum), hydrotreated heavy)	UN1993	3	III	Refer to ADR/RID regulations for information regarding excepted quantities. Tunnel restriction code: D/E.
<b><u>IMDG</u></b>	Flammable liquid, n.o.s. (Naphtha (petroleum), hydrotreated heavy)	UN1993	3	III	Refer to IMDG regulations for information regarding excepted quantities.
<b><u>IATA</u></b>	Flammable liquid, n.o.s. (Naphtha (petroleum), hydrotreated heavy)	UN1993	3	III	None

**SECTION 15. REGULATORY INFORMATION****U.S. Federal Regulations**

<b>SARA Section 302 Extremely Hazardous Substances:</b>	This product contains greater than 1.0% of the following chemical(s) on the SARA Extremely Hazardous Substances List: None
<b>SARA Section 304 CERCLA Hazardous Substances:</b>	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: None
<b>SARA Section 313 Toxic Chemicals:</b>	This product contains the following chemical(s) listed in Section 313 at or above the de minimis concentrations: None
<b>TSCA Inventory:</b>	All components are either listed or exempted from listing on the TSCA Inventory.

**U.S. State Regulations**

<b>California Proposition 65 Status:</b>	This product contains chemical(s) known to the State of California to cancer, birth defects, or other reproductive harm.
<b>California Proposition 65 Listed Components:</b>	Ethylbenzene; Naphthalene.

**International Regulations**

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

**SECTION 16. OTHER INFORMATION**

**Sections Revised:** Section 15

**Revision Date:** 7/30/2018

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