



SAFETY DATA SHEET

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

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Revision Date 3/23/2017

Supersedes Date 8/23/2016

SECTION 1. IDENTIFICATION

Product identifier: JAX Magna-Kote® 412

Part number: 41200

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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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); 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 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/ eye protection/ face protection. Wash skin thoroughly after handling. Avoid breathing fume/ mist/ vapors/ spray. Use only outdoors or in a well-ventilated area. IF SWALLOWED: Immediately call a poison center/ doctor. Do NOT induce vomiting. IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention. 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 you feel unwell. In case of fire: Use carbon dioxide (CO2), dry sand, dry chemical or alcohol-resistant foam for extinction. Store locked up in a well-ventilated place. Keep cool. Dispose of contents/ container in accordance with local/ regional/ national/ international regulations.

Hazards not otherwise classified: Not applicable.

Additional information: Not applicable.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Composition:	Chemical name	%	CAS #	Impurities
	Naphtha (petroleum), hydrotreated heavy*	70-98	64742-48-9	None
	Stoddard solvent*	<2	8052-41-3	None
	1,2,4-trimethylbenzene	<0.1	95-63-6	None
	Naphthalene	<0.02	91-20-3	None
	Ethylbenzene	<0.02	100-41-4	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.
<u>Most important symptoms and effects, both acute and delayed:</u>	Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. May be fatal if swallowed and enters airways.
<u>Indication of any immediate medical attention and special treatment available:</u>	See First aid measures (above).
<u>General information:</u>	No further relevant information available.

SECTION 5. FIRE-FIGHTING MEASURES

<u>Suitable extinguishing media:</u>	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.
<u>Unsuitable extinguishing media:</u>	Do not use direct stream of water.
<u>Specific hazards:</u>	Flammable liquid and vapor. Pressure build-up due to heat exposure may cause containers to rupture. Use water spray to keep containers cool.
<u>Advice for firefighters:</u>	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

<u>Personal precautions, protective equipment and emergency procedures:</u>	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.
<u>Environmental precautions:</u>	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.
<u>Methods for containment and cleaning up</u>	<p>Land spill: 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>Water spill: 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

<u>Precautions for safe handling:</u>	Keep away from heat and direct sunlight. Ensure good ventilation/exhaustion at the workplace. Keep away from sources of ignition - Do not smoke. Protect against electrostatic charges.
<u>Conditions for safe storage, including any incompatibilities:</u>	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

<u>Workplace exposure limits:</u>	<u>Chemical name</u>	<u>Exposure limit and source</u>
	Naphtha (petroleum), hydrotreated heavy*	Not available
	Stoddard solvent*	Not available
	1,2,4-trimethylbenzene	Long-term value: 125 mg/m ³ , 25 ppm
	Naphthalene	TWA: 10 ppm (50 mg/m ³) (OSHA PEL)
	Ethylbenzene	TWA: 100 ppm (OSHA PEL)

Exposure controls

<u>Engineering controls:</u>	Provide exhaust ventilation or other engineering controls to keep the airborne concentration of vapors below their respective occupational exposure limits.
<u>Ventilation:</u>	Use in a well-ventilated area. See Engineering Controls.
<u>Personal hygiene:</u>	

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

Appearance / odor:	Dark gray fluid, very low viscosity, slight mineral spirits odor	Upper flammability limit:	Not available
Physical state:	Liquid	Lower flammability limit:	Not available
Odor threshold:	Not available	Vapor pressure:	Not available
pH:	Not available	Vapor density:	Not available
Melting / freezing point:	Not available	Relative density:	0.77 (typical)
Initial boiling point and boiling range:	Not available	Solubility in water:	Insoluble
Flash point:	108°F (42°C), ASTM D 56	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:	Keep away from heat, sparks, open flames, and other sources of ignition. Keep out of direct sunlight. Avoid strong oxidizers, strong alkalis, and strong acids.
Hazardous decomposition products:	Carbon monoxide, carbon dioxide, oxides of sulfur, smoke and irritating vapors as products of incomplete combustion.

SECTION 11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Eye contact:	Causes serious eye irritation.
Skin contact:	Causes skin irritation.
Inhalation:	May cause drowsiness or dizziness. May be fatal if swallowed and enters airways.
Ingestion:	May cause drowsiness or dizziness. May be fatal if swallowed and enters airways.

Component information:	Components	LD₅₀	LC₅₀
	Naphtha (petroleum), hydrotreated heavy*	>5000 mg/kg (oral, rat)	Not available
	Stoddard solvent*	Not available	Not available
	1,2,4-trimethylbenzene	5000 mg/kg (oral, rat)	Not available
	Naphthalene	490 mg/kg (oral, rat)	Not available
	Ethylbenzene	3500 mg/kg (oral, rat)	17.2 mg/l/4h (rat)

Information on physical, chemical and toxicological effects

Symptoms: See Section 4 of this SDS for symptoms.

Delayed and immediate effects, and chronic effects, from short and long-term exposure

Effects: Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. May be fatal if swallowed and enters airways.

Carcinogenicity:

carcinogen by NTP.

Numerical measures of toxicity: Not determined

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity: Not available

<u>Component information:</u>	<u>Components</u>	<u>LEIC₅₀</u>
	Naphtha (petroleum), hydrotreated heavy*	Not available
	Stoddard solvent*	Not available
	1,2,4-trimethylbenzene	Not available
	Naphthalene	Not available
	Ethylbenzene	1.8-2.4 mg/l/48h (daphnia magna)

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>	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.
<u>ADR/RID</u>	Flammable liquid, n.o.s. (Naphtha (petroleum), hydrotreated heavy)	UN1993	3	III	None
<u>IMDG</u>	Flammable liquid, n.o.s. (Naphtha (petroleum), hydrotreated heavy)	UN1993	3	III	None
<u>IATA</u>	Flammable liquid, n.o.s. (Naphtha (petroleum), hydrotreated heavy)	UN1993	3	III	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: Naphthalene (CAS# 91-20-3) 100 lbs. (45.4 kg)

SARA Section 313 Toxic Chemicals: This product contains the following chemical(s) listed in Section 313 at or above the de minimis concentrations: 1,2,4-Trimethylbenzene (CAS# 95-63-6). Naphthalene (CAS# 91-20-3). Ethylbenzene (CAS# 100-41-4).

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 chemical(s) known to the State of California to cause birth defects or other reproductive harm.

California
Proposition 65
Listed Components:

Not available

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: Sections 2, 4 and 11.

Revision Date: 3/23/2017

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 ***