



# Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 26.08.2016

Version number 1

Revision: 26.08.2016

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

**Trade name:** JAX Magna-Kote MLD

**Product Code(s):** MLD1

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Application of the substance / the preparation:**

Lubricant where there is no possibility of contact with food.

### 1.3 Details of the supplier of the safety data sheet

**Manufacturer/Supplier:**

JAX INC.  
 W134 N5373 CAMPBELL DRIVE  
 MENOMONEE FALLS, WI 53051 USA  
 Tel: +01-262-781-8850  
 Fax: +01-262-781-3906  
 E-mai: patty@jax.com  
 Web: www.jax.com

**Further information obtainable from:**

REACH Only Representative  
 B-Lands Consulting  
 WTC, 5 Place Robert Schuman, BP 1516  
 38025 Grenoble, FRANCE  
 Tel: +33 476 295 869  
 Fax: +33 476 295 870  
 Email: europa@reach-compliance.eu  
 Web: www.reachteam.eu

### 1.4 Emergency telephone number:

UK - National Poisons Emergency: +44 870 600 6266 (24h - health professionals only).  
 Ireland - National Poisons Information Centre: +353 1 8379964.

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Classification according to Regulation (EC) No 1272/2008**

Flam. Liq. 3	H226 Flammable liquid and vapour.
STOT SE 1	H370 Causes damage to organs.
Asp. Tox. 1	H304 May be fatal if swallowed and enters airways.
Aquatic Chronic 3	H412 Harmful to aquatic life with long lasting effects.

### 2.2 Label elements

**Labelling according to Regulation (EC) No 1272/2008:**

The product is classified and labelled according to the CLP regulation.

**Hazard pictograms:**



GHS02 GHS08

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**Trade name:** JAX Magna-Kote MLD**Signal word:** Danger**Hazard-determining components of labelling:**Naphtha (petroleum), hydrotreated heavy  
tris(methylphenyl) phosphate**Hazard statements:**H226 Flammable liquid and vapour.  
H370 Causes damage to organs.  
H304 May be fatal if swallowed and enters airways.  
H412 Harmful to aquatic life with long lasting effects.**Precautionary statements:**P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P260 Do not breathe dust/fume/gas/mist/vapours/spray.  
P273 Avoid release to the environment.  
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.  
P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
P403+P235 Store in a well-ventilated place. Keep cool.  
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.**2.3 Other hazards****Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**SECTION 3: Composition/information on ingredients****3.2 Mixtures**

<b>Hazardous components:</b>		
CAS: 64742-48-9 EINECS: 265-150-3 Index number: 649-327-00-6	Naphtha (petroleum), hydrotreated heavy ----- Flam. Liq. 3, H226; Asp. Tox. 1, H304	50-100%
CAS: 1330-78-5 EINECS: 215-548-8	tris(methylphenyl) phosphate ----- STOT SE 1, H370; Aquatic Chronic 2, H411	3-<5%

**Additional information:** For the wording of the listed risk phrases refer to section 16.**SECTION 4: First aid measures****4.1 Description of first aid measures****General information:** No special measures required.**After inhalation:** Move patient to fresh air, if symptoms persist consult a doctor.**After skin contact:** Immediately wash with water and soap and rinse thoroughly.**After eye contact:**

Remove contact lenses, if worn.

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

**After swallowing:** Do not induce vomiting; call for medical help immediately.**4.2 Most important symptoms and effects, both acute and delayed**

No further relevant information available.

**4.3 Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

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**Trade name:** JAX Magna-Kote MLD

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

**Suitable extinguishing agents:**

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

**For safety reasons unsuitable extinguishing agents:** Water with full jet.

### 5.2 Special hazards arising from the substance or mixture

No further relevant information available.

### 5.3 Advice for firefighters

**Protective equipment:** No special measures required.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Keep away from ignition sources.

Use personal protective equipment.

**6.2 Environmental precautions** Do not allow product to reach sewage system or any water course.

### 6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

### 6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Keep away from heat and direct sunlight.

Ensure good ventilation/exhaustion at the workplace.

**Information about fire - and explosion protection:** No special measures required.

### 7.2 Conditions for safe storage, including any incompatibilities

**Requirements to be met by storerooms and receptacles:**

Store in a cool, dry place in tightly closed receptacles.

**Information about storage in one common storage facility:** Store away from oxidising agents.

**Further information about storage conditions:** None.

**7.3 Specific end use(s):** No further relevant information available.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

**Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**Additional information:** The lists valid during the making were used as basis.

### 8.2 Exposure controls

**Personal protective equipment****General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

**Respiratory protection:** Not required.

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**Trade name:** JAX Magna-Kote MLD**Protection of hands:**

Protective gloves.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

**Eye protection:**

Safety glasses with side-shields (EN 166).

**Body protection:** Protective work clothing.**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties****General Information****Appearance:****Form:** Liquid.**Colour:** Dark grey**Odour:** Slight hydrocarbon odor.**Odour threshold:** Not determined.**pH-value:** Not determined.**Melting point/Melting range:** Not determined.**Boiling point/Boiling range:** Not determined.**Flash point:** 42 °C (ASTM D 56)**Flammability (solid, gaseous):** Not applicable.**Ignition temperature:** Not determined.**Decomposition temperature:** Not determined.**Danger of explosion:** Product does not present an explosion hazard.**Explosion limits:****Lower:** Not determined.**Upper:** Not determined.**Oxidising properties** Not determined.**Vapour pressure:** Not determined.**Density:** Not determined.**Relative density** 0.80**Vapour density** Not determined.**Evaporation rate** Not determined.**Solubility in / Miscibility with water:** Not determined.**Partition coefficient (n-octanol/water):** Not determined.**Viscosity:****Dynamic:** Not determined.**Kinematic:** Not determined.

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**Trade name:** JAX Magna-Kote MLD**9.2 Other information**

No further relevant information available.

**SECTION 10: Stability and reactivity****10.1 Reactivity** No data available.**10.2 Chemical stability****Thermal decomposition / conditions to be avoided:**

No decomposition if used and stored according to specifications.

**10.3 Possibility of hazardous reactions** No dangerous reactions known.**10.4 Conditions to avoid** Keep away from heat and direct sunlight.**10.5 Incompatible materials** Avoid strong oxidants, strong alkalis and strong acids.**10.6 Hazardous decomposition products** Carbon monoxide and carbon dioxide.**SECTION 11: Toxicological information****11.1 Information on toxicological effects****Acute toxicity****LD/LC50 values:****64742-48-9 Naphtha (petroleum), hydrotreated heavy**

Oral LD50 &gt;5000 mg/kg (rat)

Dermal LD50 &gt;3000 mg/kg (rab)

**Primary irritant effect:****on the skin:** No irritant effect known.**on the eye:** No irritating effect known.**Sensitisation:** No sensitising effects known.**SECTION 12: Ecological information****12.1 Toxicity****Aquatic toxicity:** No further relevant information available.**12.2 Persistence and degradability** No further relevant information available.**12.3 Bioaccumulative potential** No further relevant information available.**12.4 Mobility in soil** No further relevant information available.**Ecotoxicological effects:****Remark:** Harmful to fish**General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Harmful to aquatic organisms

**12.5 Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**12.6 Other adverse effects** No further relevant information available.**SECTION 13: Disposal considerations****13.1 Waste treatment methods****Recommendation:** Do not allow product to reach sewage system.

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**Trade name:** JAX Magna-Kote MLD**Uncleaned packaging****Recommendation:** Disposal must be made according to official regulations.**SECTION 14: Transport information****14.1 UN Number****ADR, IMDG, IATA**

UN1993

**14.2 UN proper shipping name****ADR**

1993 FLAMMABLE LIQUID, N.O.S. (Naphtha (petroleum), hydrotreated heavy)

**IMDG, IATA**

FLAMMABLE LIQUID, N.O.S. (Naphtha (petroleum), hydrotreated heavy)

**14.3 Transport hazard class(es)****ADR, IMDG, IATA****Class  
Label**3 Flammable liquids.  
3**14.4 Packing group****ADR, IMDG, IATA**

III

**14.5 Environmental hazards****Marine pollutant:**

No

**14.6 Special precautions for user****Danger code (Kemler):**

Warning: Flammable liquids.

**EMS Number:**

30

F-E, S-E

**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable.

**Transport/Additional information:****ADR****Excepted quantities (EQ)**

Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

**Tunnel restriction code:**

D/E

**IMDG****Limited quantities (LQ)**

5L

**Excepted quantities (EQ)**

Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

**15.2 Chemical safety assessment** A Chemical Safety Assessment has not been carried out.**SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Relevant phrases**

H226 Flammable liquid and vapour.

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H304      May be fatal if swallowed and enters airways.  
H370      Causes damage to organs.  
H411      Toxic to aquatic life with long lasting effects.

**Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
GHS: Globally Harmonised System of Classification and Labelling of Chemicals  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
Flam. Liq. 3: Flammable liquids, Hazard Category 3  
STOT SE 1: Specific target organ toxicity - Single exposure, Hazard Category 1  
Asp. Tox. 1: Aspiration hazard, Hazard Category 1  
Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2  
Aquatic Chronic 3: Hazardous to the aquatic environment - Chronic Hazard, Category 3