

**LPPM 12**  
**Safety Data Sheet**  
according to 1907/2006/EC, Article 31  
Version n° 10

Printing date 31.03.2010

Revision: 21.04.2009

## 1. Identification of substance.

### Product details:

**Trade name:** LPPM 12

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

### Manufacturer/ Supplier:

Madison Wire (Europe) Ltd.

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Davyfield Road

Roman Road Industrial Estate

Blackburn Lancashire

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**Information in case of emergency:** +44 (0)1254 663555

## 2. Hazards identification.

### Hazard description:



**Xn Harmful**

**Information concerning to particular hazards to man and environment:** The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

R 65 Harmful: may cause lung damage if swallowed.

**Classification system:** The classification is according to the latest editions of the EU-list, and extended by company and literature data.

## 3. Composition/information on ingredients.

### Chemical characterization

**Description:** Mixture of substances listed below with nonhazardous additions.

Dangerous components:		
CAS: 90622-58-5	Isoparaffinic hydrocarbon	50-100%
EINECS: 292-460-6	Xn, R 65-66	
CAS: 80939-62-4	Amines, C11-14 branched alkyl, monohexyl and dihexyl phosphates	<2,5%

**Additional information:** For the wording of the listed risk phrases refer to section 16

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#### **4. First aid measures.**

**After Inhalation:** Supply fresh air; consult doctor in case of complaints.

**After skin contact:** Immediately wash with water and soap and rinse thoroughly.

**After eye contact:** Rinse opened eye for several minutes under running water.

**After swallowing:** If symptoms persist consult doctor

#### **5. Fire fighting measures.**

**Suitable extinguishing agents:** CO<sub>2</sub>, sand, extinguishing powder. Do not use water.

**For safety reasons unsuitable extinguishing agents:** Water.

**Protective equipment:** Mount respiratory protective device.

#### **6. Accidental release measures.**

**Person-related safety precautions:** Wear protective equipment. Keep unprotected persons away.

Particular danger of slipping on leaked/spilled product.

**Measures for environmental protection:** Do not allow product to reach sewage system or any water course.

Prevent from spreading (e.g. by damming- in or oil barriers).

**Measures for cleaning/collecting:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

**Additional information:** No dangerous substances are released.

#### **7. Handling and storage.**

##### **Handling.**

**Information for safe handling:** Ensure good ventilation/ exhaustion at the workplace.

**Information about fire and explosion protection:** Keep ignition sources away – do not smoke.

Protect against electrostatic charges.

##### **Storage.**

**Requirements to be met by storerooms and receptacles:** No special requirements.

**Information about storage in one common storage facility:** Not required.

**Further information about storage conditions:** Protect from frost. Store in cool, dry conditions in well sealed receptacles. Store receptacle in a well ventilated area.

#### **8. Exposure controls and personal protection gear.**

**Additional information about design of technical facilities:** No further data; see item 7.

**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.

**Personal protective equipment.**

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**General protective and hygienic measures:** The usual precautionary measures are to be adhered to when handling chemicals. Wash hands before breaks and at the end of work.

**Respiratory protection:** Use suitable respiratory protective device in case of insufficient ventilation.

**Protection of hands:** Protective gloves.

**Material of gloves:** The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

**Penetration time of glove material:** The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Eye protection:** Tightly sealed goggles.

**Body protection:** Protective work clothing.

## 9. Physical and chemical properties.

<b>General information</b>	
<b>Form:</b>	Fluid
<b>Colour:</b>	Colourless
<b>Odour:</b>	Characteristic
<b>Change in condition</b>	
<b>Melting point/ Melting range:</b>	undetermined
<b>Boiling point/ Boiling range:</b>	185°C
<b>Flash point:</b>	62°C (ICSO 2719)
<b>Self-igniting:</b>	Product is not selfigniting
<b>Danger of explosion:</b>	Product does not present an explosion hazard
<b>Explosion limits:</b>	
<b>Lower:</b>	0,6 Vol%
<b>Upper:</b>	7,0 Vol%
<b>Vapour pressure at 20°C:</b>	0,7 hPa
<b>Density at 20°C:</b>	0,779g/cm <sup>3</sup> (NFT 30-020)
<b>Solubility in/ Miscibility with Water:</b>	Not miscible or difficult to mix
<b>Solvent content:</b>	
<b>Organic solvents:</b>	91,0%

## 10. Stability and reactivity.

**Thermal decomposition/ conditions to be avoided:** No decomposition if used according to specifications.

**Dangerous reactions:** No dangerous reactions known.

**Dangerous decomposition products:** Hydrocarbon.

## 11. Toxicological information

**Acute toxicity:**

**Primary irritant effect:**

**on the skin:** No irritant effects.

**Sensitization:** No sensitizing effects known.

## 12. Ecological information.

**Ecotoxicological effects:**

**Remark:**

The product should not be toxic for aquatic organisms at maximum solubility in water.

Probably has no long term harmful effect for aquatic organisms.

**General notes:**

Water hazard class (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.

## 13. Disposal considerations.

**Product:**

**Recommendation:** Must be specially treated adhering to official regulations.

**Uncleaned packaging:**

**Recommendation:** Disposal must be made according to official regulations.

## 14. Transport information.

<b>Land transport ADR/RID (cross-border)</b> ADR/RID class: - Purposeless
<b>Maritime transport IMDG:</b> IMDG class: - Purposeless Marine pollutant: No
<b>Air transport ICAO-TI and IATA-DGR:</b> ICAO/IATA class: - Purposeless

## 15. Regulations.

**Labelling according to EU guidelines:** Observe the general safety regulations when handling chemicals

**Code letter and hazard designation of product:**



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**Hazard-determining components of labeling:** isoparaffinic hydrocarbon.

**Risk phrases:**

65 Harmful: may cause lung damage if swallowed.

**Safety phrases:**

23 Do not breathe fumes.

36 Wear suitable protective clothing.

51 Use only in well-ventilated areas.

60 This material and its container must be disposed of as hazardous waste.

62 If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

**Technical instructions (air):**

	Share in %
NK	91,0

**Water hazard class:** Generally not hazardous for water.

**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 R-phrases:**

36/38 Irritating to eyes and skin.

51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

65 Harmful

66 Repeated exposure may cause skin dryness or cracking

\* Data compared to the previous version altered.