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SAFETY DATA SHEET (91/155/EC)

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1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY

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\* Product name:  
LIMING WAX

\* Supplier:  
LIBERON  
Mountfield Ind Est  
New Romney  
Kent, TN28 8XU  
Tel: 0044 (0)1797 367555  
Fax: 0044 (0)1797 367575

\* Emergency phone number (to be used by the practising doctor):  
UK - National Poisons Information Service Phone: 44 / 191 22 5131

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2. COMPOSITION/INFORMATION ON INGREDIENTS

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\* Preparation name:  
LIMING WAX

\* Component(s) contributing to the health hazard:  
• NAPHTHA (PETROLEUM) HYDROTREATED HEAVY - CAS no: \*64742-48-9 - EC no: 265-150-3  
Conc. wt.(%): 30 < C <= 40 - Symbol(s): Xn - R: 10-65-66  
• turpentine - Id No: 650-002-00-6 - CAS no: 8006-64-2 - EC no: 232-350-7  
Conc. wt.(%): 10 < C <= 15 - Classification: • R 10 • Xn; R 20/21/22 • Xi;  
R 36/38 • N; R 51-53 •

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3. HAZARDS IDENTIFICATION

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\* Most important hazards:  
Flammable.  
Contains silica, suitable respiratory equipment is recommended when using sand paper on dry surface  
May cause sensitisation by skin contact.

\* Specific hazards:  
Repeated and prolonged exposure may cause skin irritation and dermatitis due to degreasing properties of the product.

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4. FIRST AID MEASURES

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\* General advice:

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

\* Inhalation:

If unconscious, place in the recovery position and seek medical advice.

\* Skin contact:

Wash off with soap and plenty of water.

\* Eye contact:

Contact lenses should be removed. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart, and seek medical advice.

\* Ingestion:

If accidentally swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

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5. FIRE-FIGHTING MEASURES

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\* Suitable extinguishing media:

Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO<sub>2</sub>), water spray, sand, earth.

\* Extinguishing media which must NOT be used for safety reasons:

Do not use water jet.

\* Specific method(s):

If area is heavily exposed to fire and if conditions permit, let fire burn itself out because water may increase the area contaminated.

\* Specific fire hazard(s):

In case of fire, product decomposes in: carbon oxides (CO and CO<sub>2</sub>) and smokes.

Concerning product toxicity, see item 11 and about product stability and reactivity see item 10.

\* Special protective equipment for fire-fighters:

Use a self-contained breathing apparatus and also a protective suit.

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6. ACCIDENTAL RELEASE MEASURES

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\* Personal precaution(s):

Ensure adequate ventilation.

Concerning personal protective equipment to use, see item 8.

\* Environmental precaution(s):

Do not allow material to contaminate ground water system.

Concerning disposal elimination after cleaning, see item 13.

\* Method(s) for cleaning up:

Shovel into suitable and closed container for disposal.

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7. HANDLING AND STORAGE

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\* Handling

- Precaution(s):

Smoking, eating and drinking should be prohibited in areas of use.

- Technical condition(s):  
Maximum handling temperature: 55°C
- Safe handling advice(s):  
Avoid letting the product become dry.
- \* Storage
- Precaution(s):  
Store in a place accessible by authorised persons only.
- Separation of incompatible product(s):  
Keep container tightly closed and at a temperature not exceeding (°C): 55°C  
Keep away from sources of ignition - No smoking.  
Store away from direct sunlight or other heat sources.  
Store in a well-ventilated place.  
Keep away from: strong acids, strong bases and oxidising compounds.
- Packaging / tank material:  
Made of the same material as the supply container.
- Unsuitable packaging materials:  
Avoid certain plastics which are soluble in the product.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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- \* Engineering measure(s):  
Ensure adequate ventilation, especially in confined areas.
- \*Control parameter(s):
  - Exposure limit(s):
    - turpentine:VME ppm = 100 - VME mg = 556
- \* Personal protection equipment:
  - Respiratory protection:  
No personal breathing protective equipment is normally required. If insufficient ventilation wear Organic Vapour mask.
  - Hand protection:  
Nitrile rubber gloves
  - Skin and body protection:  
solvent-resistant apron and boots
  - Eye protection:  
safety glasses or face shield
- \* Hygiene measure(s):  
Do not eat, drink, or smoke during work.  
Keep away from food, drink and animal feed.  
Keep workplace clean and tidy as much as possible.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Physical state / form: paste  
Colour: white  
Odour: characteristic  
pH: Not applicable.  
Boiling point/range: 155°C  
Flash point: 38°C

Explosion limits: Not applicable.  
Relative density (water = 1): Not applicable.  
Viscosity:  $9 \times 10^{-6}$  m<sup>2</sup>/sec - 40°C  
Water solubility: No water mixable  
Fat solubility: Not applicable.  
Solvent solubility: Soluble in hydrocarbons

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#### 10. STABILITY AND REACTIVITY

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\* Stability:

Stable in use and storage conditions as recommended in item 7.

Condition(s) to avoid:

Do not expose at temperatures above 55°C

\* Material(s) to avoid:

Avoid certain plastics which are soluble in the product.

\* Hazardous decomposition products:

Hazardous decomposition products may be released during prolonged heating like smokes, carbon monoxide and dioxide.

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#### 11. TOXICOLOGICAL INFORMATION

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\* General Information

There is no data available on the product itself.

\* Acute toxicity

\* - Inhalation:

No data available.

\* - Skin contact:

Components of the product may be absorbed into the body through the skin. Frequent or prolonged contacts may defat and dry the skin, leading to discomfort and dermatitis.

\* - Eye contact:

Liquid splashes in the eye may cause irritation. (pain, redness)

- Ingestion:

May cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

\* - Sensitisation:

May cause sensitisation by inhalation.

\* - Chronic toxicity:

Did not show carcinogenic, teratogenic or mutagenic effects in animal experiments.

\* - Specific effect(s):

Use of alcoholic beverages may enhance toxic effects.

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#### 12. ECOLOGICAL INFORMATION

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\* General information(s):

There is no data available on the product itself.

\* Persistence and degradability:

Product has only a limited biodegradability in soil and water.

\* Bioaccumulation:

None

\* Environmental toxicity:

May be dangerous for environment.

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### 13. DISPOSAL CONSIDERATIONS

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\* Waste / unused products:

Collect all waste in suitable and labelled containers and dispose according to local legislation.

Do not dispose of waste into sewer.

Can be incinerated according to local regulations.

\* Contaminated packaging:

Do not burn, or use a cutting torch on the empty drum.

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### 14. TRANSPORT INFORMATION

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General information(s):

Transport followed ADR, IMDG, IATA

UN No. 1263

Land (Road / Railway: ADR/RID)

- class: 3.31 C

Sea (IMDG)

- IMO class: 3.3

Air (ICAO/IATA)

Inland waterways (ADNR)

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### 15. REGULATORY INFORMATION

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\* Labelling:

According to European directives on classification, packaging and labelling of dangerous substances 67/548/ EC. Using the calculation method 88/379/ EC.

EC number:

Not applicable.

Contains:

- NAPHTHA (PETROLEUM) HYDROTREATED HEAVY
- turpentine

Symbol(s):

Xi - Irritant

R-phrase(s):

10 Flammable.

43 May cause sensitization by skin contact.

52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

66 Repeated exposure may cause skin dryness or cracking

S-phrase(s):

2 Keep out of the reach of children.

51 Use only in well-ventilated areas.

24 Avoid contact with skin.

37 Wear suitable gloves.

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## 16. OTHER INFORMATION

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\* According legislation(s):

This safety data sheet is in compliance with EC directives and adaptations no.: 91/155, 67/548, and 88/379

\* Important remarks:

Information in this safety data sheet is based on actual knowledge in our Possession and our experience.

It is recommended to pass the information of this safety data sheet, eventually in an appropriated form, to the users.

No liability will be accepted (except as otherwise provided by law) arising out of the use of information supplied in this data sheet.

\* Restrictions:

This information relates to the specific material designated and may not be valid in combination with other product(s).

\* History

- First edition date: 19-06-98

- Review date: 02/05/2002

- Version: 2

- Review chapter(s) n°: 2/3/14/15

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