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

1.1 Product identifier

Product name: LOBASOL Hardwax Oil EcoPlus

Article number: 10501-000

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

No further relevant information available.

Application of the substance / the mixture: Coating material

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier: LOBA GmbH & Co. KG
Leonberger Straße 56 - 62
D-71254 Ditzingen
Tel.: +49 (0)7156/357-0

Informing department: Productmanagement
e-mail: service@loba.de

1.4 Emergency telephone number: Emergency CONTACT (24-Hour-Number): GBK GmbH +49 (0)6132-84463

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

The product is not classified, according to the CLP regulation.

2.2 Label elements

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

Hazard pictograms: Void

Signal word: Void

Hazard statements: Void

Precautionary statements

P273 Avoid release to the environment.

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Chemical characterisation: Mixtures

Description: Mixture of the substances listed below with harmless additions.

Dangerous components: Void

Additional information: For the wording of the listed hazard 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: Supply fresh air; consult doctor in case of symptoms.

After skin contact: The product is not skin irritating.

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

After swallowing: In case of persistent symptoms consult doctor.

4.2 Most important symptoms and effects, both acute and delayed: No further relevant information available.
Safety data sheet  
according to 1907/2006/EC, Article 31

Product name LOBASOL HardwaxOil EcoPlus

- 4.3 Indication of any immediate medical attention and special treatment needed
  No further relevant information available.

SECTION 5: Firefighting measures

- 5.1 Extinguishing media
  - Suitable extinguishing agents: Use fire fighting measures that suit the environment.
- 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
  Not required.
- 6.2 Environmental precautions:
  Do not allow product to reach sewage system or water bodies.
  Inform respective authorities in case product reaches water or sewage system.
- 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 information on disposal.

SECTION 7: Handling and storage

- 7.1 Precautions for safe handling
  No special measures required.
- 7.2 Conditions for safe storage, including any incompatibilities
  - Storage
    - Requirements to be met by storerooms and containers: No special requirements.
    - Information about storage in one common storage facility: Not required.
    - Further information about storage conditions: None.
    - Storage class 12
  - 7.3 Specific end use(s)
    No further relevant information available.

SECTION 8: Exposure controls/personal protection

- Additional information about design of technical systems
  No further data; see item 7.
- 8.1 Control parameters
  - Components with critical 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 that were valid during the compilation were used as basis.
- 8.2 Exposure controls
  - Personal protective equipment
    The usual precautionary measures should be adhered to in handling the chemicals.
  - Breathing equipment: Not required.
Protection of hands:
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves
Nitrile rubber, NBR
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.
Recommended thickness of the material: ≥ 0.4 mm

Penetration time of glove material
The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
For the mixture of chemicals mentioned below the penetration time has to be at least 480 minutes (Permeation according to EN 374 Part 3: Level 6).
Value for the permeation: Level ≤ 6

Eye protection: Safety glasses recommended during refilling.

SECTION 9: Physical and chemical properties

- 9.1 Information on basic physical and chemical properties
- General Information
- Appearance:
  - Form: Fluid
  - Colour: Beige
- Smell: Recognisable
- Odour threshold: Not determined.
- pH-value: Not determined.

- Change in condition
  - Melting point/freezing point: Not determined
  - Initial boiling point and boiling range: Not determined

- Flash point: Not applicable
- Inflammability (solid, gaseous): Not applicable.
- Decomposition temperature: Not determined.
- Self-inflammability: Product is not selfigniting.
- Explosive properties:
  - Lower: Not determined.
  - Upper: Not determined.
- Steam pressure: Not determined.
- Density at 20 °C: 1.029 g/cm³
- Relative density: Not determined.
- Vapour density: Not determined.
- Evaporation rate: Not determined.

- Solubility in / Miscibility with
  - Water: Not miscible or difficult to mix
- Partition coefficient: n-octanol/water: Not determined.
Product name LOBASOL HardwaxOil EcoPlus

51.0.8 · Viscosity:
  dynamic at 20 °C: 672 mPas
  kinematic: Not determined.

· Solids content: 99 %

9.2 Other information

No further relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity
No further relevant information available.

10.2 Chemical stability

10.3 Possibility of hazardous reactions
No dangerous reactions known

10.4 Conditions to avoid
No further relevant information available.

10.5 Incompatible materials
No further relevant information available.

10.6 Hazardous decomposition products
No dangerous decomposition products known

SECTION 11: Toxicological information

11.1 Information on toxicological effects

11.2 Acute toxicity
Based on available data, the classification criteria are not met.

11.3 Primary irritant effect:

11.4 Skin corrosion/irritation
Based on available data, the classification criteria are not met.

11.5 Respiratory or skin sensitisation
Based on available data, the classification criteria are not met.

11.6 CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

11.7 Carcinogenicity
Based on available data, the classification criteria are not met.

11.8 Respiratory toxicity
Based on available data, the classification criteria are not met.

11.9 STOT-single exposure
Based on available data, the classification criteria are not met.

11.10 STOT-repeated exposure
Based on available data, the classification criteria are not met.

11.11 Aspiration hazard
Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1 Toxicity

12.2 Aquatic toxicity: No further relevant information available.

12.3 Persistence and degradability
No further relevant information available.

12.4 Bioaccumulative potential
No further relevant information available.

12.5 Mobility in soil
No further relevant information available.

12.6 Other adverse effects
No further relevant information available.

Water hazard class 1 (Self-assessment): slightly hazardous for water.
Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

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
After prior treatment product has to be landfilled or incinerated under adherence to the regulations pertaining to the disposal of especially hazardous waste.

· European waste catalogue

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>08 00 00</td>
<td>WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS</td>
</tr>
<tr>
<td>08 01 00</td>
<td>wastes from MFSU and removal of paint and varnish</td>
</tr>
<tr>
<td>08 01 12</td>
<td>waste paint and varnish other than those mentioned in 08 01 11</td>
</tr>
</tbody>
</table>

· Uncleaned packagings:
· Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information

· 14.1 UN-Number
· ADR, ADN, IMDG, IATA: Void

· 14.2 UN proper shipping name
· ADR, ADN, IMDG, IATA: Void

· 14.3 Transport hazard class(es)
· ADR, ADN, IMDG, IATA
· Class: Void

· 14.4 Packing group
· ADR, IMDG, IATA: Void

· 14.5 Environmental hazards:
Not applicable.

· 14.6 Special precautions for user
Not applicable.

· 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code
Not applicable.

· UN "Model Regulation": Void

SECTION 15: Regulatory information

· 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
· Directive 2012/18/EU
· Named dangerous substances - ANNEX I None of the ingredients is listed.
· National regulations
· Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.
· 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.
**SECTION 16: Other information**

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Alteration in the context will be marked with a cross (*).

- **Department issuing data specification sheet:** Product management.
- **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)
  - PBT: Persistent, Bioaccumulative and Toxic
  - vPvB: very Persistent and very Bioaccumulative
- *Data compared to the previous version altered.*