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

1.1 Product identifier

Product name: LOBADUR ProColor papyrus

Article number: 11012-700133-000

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

Paint

Wood protection glazing

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

LOBA GmbH & Co. KG
Leonberger Straße 56 - 62
D-71254 Ditzingen

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

GHS09 environment

Aquatic Chronic 2 H411 Toxic 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

GHS09

Signal word Void

Hazard statements

H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P273 Avoid release to the environment.
P391 Collect spillage.
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.

(Contd. on page 2)
SECTION 3: Composition/information on ingredients

- 3.2 Chemical characterisation: Mixtures
  - Description: Mixture of the substances listed below with harmless additions.

- Dangerous components:

<table>
<thead>
<tr>
<th>CAS</th>
<th>EINECS</th>
<th>Reg. nr.</th>
<th>Substance</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>34590-94-8</td>
<td>252-104-2</td>
<td>01-211-945-0011-60-xxxx</td>
<td>Dipropylene glycol monomethyl ether</td>
<td>50-100%</td>
</tr>
<tr>
<td>1314-13-2</td>
<td>215-222-5</td>
<td>01-2119463881-32-0000</td>
<td>zinc oxide</td>
<td>5-10%</td>
</tr>
</tbody>
</table>

- 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
  - 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.

- 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: CO2, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

- 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 precautions necessary if used correctly.
· Information about protection against explosions and fires: 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 10
· 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:

<table>
<thead>
<tr>
<th>34590-94-8 Dipropylene glycol monomethyl ether</th>
</tr>
</thead>
<tbody>
<tr>
<td>WEL Long-term value: 308 mg/m³, 50 ppm</td>
</tr>
<tr>
<td>Sk</td>
</tr>
</tbody>
</table>

· Additional information: The lists that were valid during the compilation were used as basis.
· 8.2 Exposure controls
· Personal protective equipment
· General protective and hygienic measures Wash hands during breaks and at the end of the work.
· Breathing equipment: Not required.
· Protection of hands:
Protective gloves.
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:* According to product specification
    - **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:** 79.5 °C
  - **Inflammability (solid, gaseous):** Not applicable.
  - **Decomposition temperature:** Not determined.
  - **Self-inflammability:** Product is not self-igniting.
  - **Explosive properties:**
    - *Lower:* Not determined.
    - *Upper:* Not determined.
  - **Steam pressure:** Not determined.
  - **Density at 20 °C:** 1.29 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.
  - **Viscosity:**
    - *dynamic at 20 °C:* 225 mPas
    - *kinematic:* Not determined.
  - **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**
  - **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
  - **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**
  - **Acute toxicity**: Based on available data, the classification criteria are not met.
  - **Primary irritant effect:**
    - **Skin corrosion/irritation**: Based on available data, the classification criteria are not met.
    - **Serious eye damage/irritation**: Based on available data, the classification criteria are not met.
  - **Respiratory or skin sensitisation**: Based on available data, the classification criteria are not met.
  - **CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)**
    - **Germ cell mutagenicity**: Based on available data, the classification criteria are not met.
    - **Carcinogenicity**: Based on available data, the classification criteria are not met.
    - **Reproductive toxicity**: Based on available data, the classification criteria are not met.
  - **STOT-single exposure**: Based on available data, the classification criteria are not met.
  - **STOT-repeated exposure**: Based on available data, the classification criteria are not met.
  - **Aspiration hazard**: Based on available data, the classification criteria are not met.

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**: Toxic for fish
- **Additional ecological information:**
  - **General notes:**
    Water hazard class 2 (Self-assessment): hazardous for water.
    Do not allow product to reach ground water, water bodies or sewage system.
    Danger to drinking water if even small quantities leak into soil.
    Also poisonous for fish and plankton in water bodies.
    Toxic for 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**
    Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
    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 11*</td>
<td>WASTE PAINT AND VARNISH CONTAINING ORGANIC SOLVENTS OR OTHER HAZARDOUS SUBSTANCES</td>
</tr>
</tbody>
</table>
**Product name** LOBADUR ProColor papyrus

(Contd. of page 5)

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

### SECTION 14: Transport information

- **14.1 UN-Number**
  - ADR, IMDG, IATA: UN3082

- **14.2 UN proper shipping name**
  - ADR: 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (zinc oxide)
  - IMDG: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (zinc oxide), MARINE POLLUTANT
  - IATA: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (zinc oxide)

- **14.3 Transport hazard class(es)**
  - ADR, IMDG, IATA: 9 Miscellaneous dangerous substances and articles.

- **14.4 Packing group**
  - ADR, IMDG, IATA: III

- **14.5 Environmental hazards:**
  - Marine pollutant: Yes Symbol (fish and tree)
  - Special marking (ADR): Symbol (fish and tree)
  - Special marking (IATA): Symbol (fish and tree)

- **14.6 Special precautions for user**
  - Kemler Number: 90
  - EMS Number: F-A,S-F
  - Stowage Category: A

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

**Transport/Additional information:**

- **ADR**
  - Limited quantities (LQ): 5L Code: E1
  - Excepted quantities (EQ): Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml

- **Transport category**: 3

- **Tunnel restriction code**: -

(Contd. on page 7)
Safety data sheet
according to 1907/2006/EC, Article 31

Product name LOBADUR ProColor papyrus

(Contd. of page 6)

- IMDG
- Limited quantities (LQ) 5L
  Code: E1
  Maximum net quantity per inner packaging: 30 ml
  Maximum net quantity per outer packaging: 1000 ml
- Excepted quantities (EQ)
- UN "Model Regulation":
  UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (ZINC OXIDE), 9, III

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.
  - Seveso category E2 Hazardous to the Aquatic Environment
  - Qualifying quantity (tonnes) for the application of lower-tier requirements 200 t
  - Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t
  - REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3
- National regulations
  - Water hazard class; Water hazard class 2 (Self-assessment): 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 (*).

- Relevant phrases
  H400 Very toxic to aquatic life.
  H410 Very toxic to aquatic life with long lasting effects.

- Department issuing data specification sheet: Productmanagement.

- Abbreviations and acronyms:
  RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
  IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
  ICAO: International Civil Aviation Organisation
  ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)
  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
  Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
  Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1
  Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2
- * Data compared to the previous version altered.