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

1.1 Product identifier

- Product name: DeckFinish alle Farben/all Colors
- Article number: 11842-000

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

No further relevant information available.

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
  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: Void
- Signal word: Void
- Hazard statements: H412 Harmful to aquatic life with long lasting effects.
- Precautionary statements: P273 Avoid release to the environment.
  P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
- Additional information:
  EUH208 Contains poly(oxy-1,2-ethanediyl), α-[3-[(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropy]-ω-[3-(2H-benzotriazol-2-yl)-5-(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxopropoxy]-, reaction mass of 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1), bis(1,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,6,6-pentamethyl-4-piperidyl sebacate, 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

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:

<table>
<thead>
<tr>
<th>CAS</th>
<th>EINECS</th>
<th>Description</th>
<th>Substance with a Community workplace exposure limit</th>
</tr>
</thead>
<tbody>
<tr>
<td>34590-94-8</td>
<td>252-104-2</td>
<td>Dipropylene glycol monomethyl ether</td>
<td>5-10%</td>
</tr>
<tr>
<td>Reg.nr.: 01-211-945-0011-60-xxxx</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(Contd. on page 2)


**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** 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.
  Dilute with much water.

- **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.
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 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:

<table>
<thead>
<tr>
<th>Substance</th>
<th>Long-term value</th>
<th>Sk</th>
</tr>
</thead>
<tbody>
<tr>
<td>34590-94-8 Dipropylene glycol monomethyl ether</td>
<td>308 mg/m³, 50 ppm</td>
<td></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:** Fluid
    - **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:** Not applicable
  - **Inflammability (solid, gaseous):** Not applicable.
  - **Decomposition temperature:** Not determined.
  - **Self-inflammability:** Product is not selfigniting.
  - **Explosive properties:** Product is not explosive.
  - **Lower:** Not determined.
  - **Upper:** Not determined.
  - **Steam pressure:** Not determined.
  - **Density at 20 °C:** 1.042 g/cm³
  - **Relative density:** Not determined.
  - **Vapour density:** Not determined.
  - **Evaporation rate:** Not determined.
  - **Solubility in / Miscibility with Water:** Fully miscible
  - **Partition coefficient: n-octanol/water:** Not determined.
  - **Viscosity:**
    - **dynamic at 20 °C:** 120 mPas
    - **Kinematic:** Not determined.
  - **Solids content:** 37.0 %
  - **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.
- **LD/LC50 values that are relevant for classification:**

<table>
<thead>
<tr>
<th>Substance</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dipropylene glycol monomethyl ether</td>
<td>5,135 mg/kg (rat)</td>
<td>457 mg/kg (rat)</td>
</tr>
<tr>
<td>Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)</td>
<td>457 mg/kg (rat)</td>
<td>660 mg/kg (rat)</td>
</tr>
</tbody>
</table>

- **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 (carcinogenicity, 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:**

<table>
<thead>
<tr>
<th>Substance</th>
<th>EC50/48 h</th>
<th>EC50/72 h</th>
<th>NOEC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)</td>
<td>0.1 mg/L (daphnia)</td>
<td>0.027 mg/L (Algae)</td>
<td>0.0012 mg/L (Algae)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>0.004 mg/L (daphnia)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>0.098 mg/L (fish)</td>
</tr>
</tbody>
</table>

- **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.
- **Ecotoxic effects:**
- **Remark:** Harmful to fish
- **Additional ecological information:**
- **General notes:**
  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.
  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
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 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.
- Recommended cleaning agent: Water, if necessary with cleaning agent.

SECTION 14: Transport information

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

14.2 UN proper shipping name
- ADR, IMDG, IATA: Void

14.3 Transport hazard class(es)
- ADR, ADN, IMDG, IATA: 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.
Safety data sheet  
according to 1907/2006/EC, Article 31

Product name LOBADUR DeckFinish alle Farben/all Colors

· REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

· 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 (*).

· Relevant phrases
H301 Toxic if swallowed.
H310 Fatal in contact with skin.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H330 Fatal if inhaled.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H411 Toxic to aquatic life with long lasting effects.

· Department issuing data specification sheet: Productmanagement.

· 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
  PBT: Persistent, Bioaccumulative and Toxic
  vPvB: very Persistent and very Bioaccumulative
  Acute Tox. 3: Acute toxicity - oral – Category 3
  Acute Tox. 2: Acute toxicity - dermal – Category 2
  Skin Corr. 1C: Skin corrosion/irritation – Category 1C
  Eye Dam. 1: Serious eye damage/eye irritation – Category 1
  Skin Sens. 1: Skin sensitisation – Category 1
  Skin Sens. 1A: Skin sensitisation – Category 1A
  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
  Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3