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

1.1 Product identifier

Product name: LOBACARE Alkoholreiniger

Article number: 10205-000

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: Neutral cleaner

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

Eye Irrit. 2 H319 Causes serious eye irritation.

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

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:**

  | CAS: 67-63-0 | propan-2-ol | 5-10% |
  | EINECS: 200-661-7 | | |
  | Index number: 603-117-00-0 | | |
  | Reg.nr.: 01-2119457558-25-xxxx | | |
  | CAS: 64-17-5 | ethanol | 2.5-5% |
  | EINECS: 200-578-6 | | |
  | Index number: 603-002-00-5 | | |
  | Reg.nr.: 01-2119457610-43-xxxx | | |
  | CAS: 107-98-2 | 1-methoxy-2-propanol | <2.5% |
  | EINECS: 203-539-1 | | |
  | Index number: 603-064-00-3 | | |
  | Reg.nr.: 01-2119457435-35-xxxx | | |

  **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 Use fire fighting measures that suit the environment.
  - 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**
  
  No dangerous materials are released.
  See Section 7 for information on safe handling.
SECTION 7: Handling and storage

7.1 Precautions for safe handling
No special precautions necessary if used correctly.

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

8.1 Control parameters
Components with critical values that require monitoring at the workplace:

<table>
<thead>
<tr>
<th>Substance</th>
<th>WEL Short-term value</th>
<th>WEL Long-term value</th>
</tr>
</thead>
<tbody>
<tr>
<td>67-63-0 propan-2-ol</td>
<td>1250 mg/m³, 500 ppm</td>
<td>999 mg/m³, 400 ppm</td>
</tr>
<tr>
<td>64-17-5 ethanol</td>
<td></td>
<td>1920 mg/m³, 1000 ppm</td>
</tr>
<tr>
<td>107-98-2 1-methoxy-2-propanol</td>
<td>560 mg/m³, 150 ppm</td>
<td>375 mg/m³, 100 ppm</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:
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).
* 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 at 20 °C: 7.3
  - 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 self-igniting.
  - Explosive properties:
    - Lower: Not determined.
    - Upper: Not determined.
  - Steam pressure: Not determined.
  - Density at 20 °C: 0.984 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.

- 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.
**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: Causes serious eye irritation.
  - 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: 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.
- **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.
  - **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>20 00 00</td>
<td>MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS</td>
</tr>
<tr>
<td>20 01 00</td>
<td>separately collected fractions (except 15 01)</td>
</tr>
<tr>
<td>20 01 30</td>
<td>detergents other than those mentioned in 20 01 29</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** | Void |
| · **ADR, ADN, IMDG, IATA** | Void |
| · **14.2 UN proper shipping name** | Void |
| · **ADR, ADN, IMDG, IATA** | Void |
| · **14.3 Transport hazard class(es)** | Void |
| · **ADR, ADN, IMDG, IATA** | Void |
| · **14.4 Packing group** | Void |
| · **ADR, IMDG, IATA** | Void |
| · **14.5 Environmental hazards:** | Void |
| · **Marine pollutant:** | No |
| · **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. |
| · **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**
  
  H225 Highly flammable liquid and vapour.  
  H226 Flammable liquid and vapour.  
  H319 Causes serious eye irritation.  
  H336 May cause drowsiness or dizziness.

· **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)
<table>
<thead>
<tr>
<th>Term</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ICAO</td>
<td>International Civil Aviation Organisation</td>
</tr>
<tr>
<td>ADR</td>
<td>Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)</td>
</tr>
<tr>
<td>IMDG</td>
<td>International Maritime Code for Dangerous Goods</td>
</tr>
<tr>
<td>IATA</td>
<td>International Air Transport Association</td>
</tr>
<tr>
<td>GHS</td>
<td>Globally Harmonised System of Classification and Labelling of Chemicals</td>
</tr>
<tr>
<td>EINECS</td>
<td>European Inventory of Existing Commercial Chemical Substances</td>
</tr>
<tr>
<td>ELINCS</td>
<td>European List of Notified Chemical Substances</td>
</tr>
<tr>
<td>CAS</td>
<td>Chemical Abstracts Service (division of the American Chemical Society)</td>
</tr>
<tr>
<td>PBT</td>
<td>Persistent, Bioaccumulative and Toxic</td>
</tr>
<tr>
<td>vPvB</td>
<td>very Persistent and very Bioaccumulative</td>
</tr>
<tr>
<td>Flam. Liq. 2</td>
<td>Flammable liquids – Category 2</td>
</tr>
<tr>
<td>Flam. Liq. 3</td>
<td>Flammable liquids – Category 3</td>
</tr>
<tr>
<td>Eye Irrit. 2</td>
<td>Serious eye damage/eye irritation – Category 2</td>
</tr>
<tr>
<td>STOT SE 3</td>
<td>Specific target organ toxicity (single exposure) – Category 3</td>
</tr>
</tbody>
</table>

* Data compared to the previous version altered.