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

1.1 Product identifier
- Product name: LOBACARE Cleaner
- Article number: 10175-000

1.2 Relevant identified uses of the substance or mixture and uses advised against
- Application of the substance / the mixture: Neutral cleaner
- 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

- GHS05 corrosion
  Eye Dam. 1 H318 Causes serious eye damage.

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

- GHS05

- Signal word: Danger

- Hazard-determining components of labelling:
  SODIUM C14-17 ALKYL SEC SULFONATE
  alcohols, C12-14, ethoxylated, sulfates, sodiumsalts

- Hazard statements
  H318 Causes serious eye damage.

- Precautionary statements
  P101 If medical advice is needed, have product container or label at hand.
  P102 Keep out of reach of children.
  P103 Read label before use.
  P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
  P310 Immediately call a POISON CENTER/doctor.
Product name LOBACARE Cleaner

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>EC number</th>
<th>Reg.nr.</th>
<th>CAS</th>
<th>EC number</th>
<th>Reg.nr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>97489-15-1</td>
<td>307-055-2</td>
<td>01-2119489924-20-0000</td>
<td>SODIUM C14-17 ALKYL SEC SULFONATE</td>
<td>3-10%</td>
<td></td>
</tr>
<tr>
<td>12125-02-9</td>
<td>235-186-4</td>
<td>01-2119487950-27</td>
<td>ammonium chloride</td>
<td>&lt;2.5%</td>
<td></td>
</tr>
<tr>
<td>68891-38-3</td>
<td>500-234-8</td>
<td>01-2119488639-16-xxxx</td>
<td>alcohols, C12-14, ethoxylated, sulfates, sodiumsalts</td>
<td>&lt;2.5%</td>
<td></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. If symptoms persist, consult doctor.
· 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.
Section 7: Handling and Storage

7.1 Precautions for safe handling
- Keep containers tightly sealed.
- Ensure good ventilation/exhaustion at the workplace.
- Prevent formation of aerosols.

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: Keep container tightly sealed.
  - Storage class 12
  - 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:
  - 12125-02-9 ammonium chloride
    - WEL Short-term value: 20 mg/m³
    - Long-term value: 10 mg/m³

Additional information: The lists that were valid during the compilation were used as basis.

8.2 Exposure controls
- General protective and hygienic measures
  - Keep away from foodstuffs, beverages and food.
  - Instantly remove any soiled and impregnated garments.
  - Wash hands during breaks and at the end of the work.
  - Avoid contact with the eyes.
  - Avoid contact with the eyes and skin.

- Breathing equipment:
  - In case of brief exposure or low pollution use breathing filter apparatus. In case of intensive or longer exposure use breathing apparatus that is independent of circulating air.

- Protection of hands:
  - Protective gloves.
  - To avoid skin problems reduce the wearing of gloves to the required minimum.
  - 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.
Product name LOBACARE Cleaner

- **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: $\geq 0.4$ 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 $\leq 6$

- **Eye protection:** Tightly sealed safety glasses.

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**SECTION 9: Physical and chemical properties**

- **9.1 Information on basic physical and chemical properties**
  - **General Information**
    - **Appearance:**
      - Form: Fluid
      - Colour: Yellowish
    - **Smell:** Recognisable
    - **Odour threshold:** Not determined.
  - **pH-value at 20 °C:** 6.5

- **Change in condition**
  - **Melting point/freezing point:** Not determined
  - Initial boiling point and boiling range: 100 °C

- **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:** 1.02 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:** Not determined.
  - **kinematic:** Not determined.

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(Contd. on page 5)
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: Causes serious eye damage.
- Respiratory or skin sensitisation: Based on available data, the classification criteria are not met.
- CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction): Based on available data, the classification criteria are not met.
- 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 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.
- 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**
    - 20 00 00  MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS
    - 20 01 00  separately collected fractions (except 15 01)
    - 20 01 30  detergents other than those mentioned in 20 01 29

- **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, 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**  Void
  - **Class**  Void

- **14.4 Packing group**
  - **ADR, IMDG, IATA**  Void

- **14.5 Environmental hazards:**
  - **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, 65
  - **National regulations**

- **Water hazard class:** Water hazard class 2 (Self-assessment): hazardous for water.
Product name LOBACARE Cleaner

**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**
  - H302 Harmful if swallowed.
  - H315 Causes skin irritation.
  - H318 Causes serious eye damage.
  - H319 Causes serious eye irritation.
  - H412 Harmful 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)
  - PBT: Persistent, Bioaccumulative and Toxic
  - vPvB: very Persistent and very Bioaccumulative
  - Acute Tox. 4: Acute toxicity – Category 4
  - Skin Irrit. 2: Skin corrosion/irritation – Category 2
  - Eye Dam. 1: Serious eye damage/eye irritation – Category 1
  - Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
  - Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

- **Data compared to the previous version altered.**