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

· 1.1 Product identifier
· Product name LOBACARE CareRemover
· Article number: 100659-000
· 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 Cleaning agent/ Cleaner
· 1.3 Details of the supplier of the safety data sheet
· Manufacturer/Supplier: LOBA GmbH & Co. KG
Leonberger Straße 36 - 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
· 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:

| CAS: 108-65-6 | 2-methoxy-1-methylethyl acetate | 10-25% |
| EINECS: 203-603-9 | | |
| Index number: 607-195-00-7 | | |
| Reg.nr.: 01-2119475791-29 | | |
| CAS: 111-76-2 | 2-butoxyethanol | 2.5-5% |
| EINECS: 203-905-0 | | |
| Index number: 603-014-00-0 | | |
| Reg.nr.: 01-2119475108-36-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
  - 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.

- 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
  - Wear protective equipment. Keep unprotected persons away.

- 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.
  - See Section 13 for information on disposal.

SECTION 7: Handling and storage

- 7.1 Precautions for safe handling
  - No special measures required.
  - Keep containers tightly sealed.

- 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 10
**SECTION 8: Exposure controls/personal protection**

- **Additional information about design of technical systems:** No further data; see item 7.

- **Control parameters**
  - **Components with critical values that require monitoring at the workplace:**
    - **108-65-6 2-methoxy-1-methylethyl acetate**
      - WEL Short-term value: 548 mg/m³, 100 ppm
      - Long-term value: 274 mg/m³, 50 ppm
      - Sk
    - **111-76-2 2-butoxyethanol**
      - WEL Short-term value: 246 mg/m³, 50 ppm
      - Long-term value: 123 mg/m³, 25 ppm
      - Sk, BMGV

- **Ingredients with biological limit values:**
  - **111-76-2 2-butoxyethanol**
    - BMGV 240 mmol/mol creatinine
      - Medium: urine
      - Sampling time: post shift
      - Parameter: butoxyacetic acid

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

- **Exposure controls**
  - **Personal protective equipment**
    - **General protective and hygienic measures**
      - The usual precautionary measures should be adhered to in handling the chemicals.
    - **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:** Tightly sealed safety glasses.
**SECTION 9: Physical and chemical properties**

- **9.1 Information on basic physical and chemical properties**
  - **General Information**
  - **Appearance:**
    - **Form:** Fluid
    - **Colour:** Colourless
  - **Smell:** Fruit-like
  - **Odour threshold:** Not determined.
  - **pH-value at 20 °C:** 8.4

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

- **Flash point:** 54 °C

- **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:** 1.009 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.
  - **Water:** 74.5 %

- **Solids content:** 5.2 %

- **9.2 Other information**
  - No further relevant information available.

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**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

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(Contd. of page 3)
**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 (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**
    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:
  - 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 (*).

- Relevant phrases
  - H226 Flammable liquid and vapour.
  - H302 Harmful if swallowed.
  - H312 Harmful in contact with skin.
  - H315 Causes skin irritation.
  - H319 Causes serious eye irritation.
  - H332 Harmful if inhaled.
  - H336 May cause drowsiness or dizziness.

- 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
Product name LOBACARE CareRemover

| 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 |
| Flam. Liq. 3: Flammable liquids – Category 3 |
| Acute Tox. 4: Acute toxicity – Category 4 |
| Skin Irrit. 2: Skin corrosion/irritation – Category 2 |
| Eye Irrit. 2: Serious eye damage/eye irritation – Category 2 |
| STOT SE 3: Specific target organ toxicity (single exposure) – Category 3 |