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

- **1.1 Product identifier**
  - **Product name:** LOBAHOME FloorCleaner+
  - **Article number:** 10020-700

- **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**
    - **GHS07**
    - 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**
    - GHS07

  - **Signal word** Warning
  - **Hazard statements**
    - H319 Causes serious eye irritation.
  - **Precautionary statements**
    - P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
    - P337+P313 If eye irritation persists: Get medical advice/attention.

- **Additional information:**
  - EUH208 Contains 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). 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.
**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**
  - 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.
  - 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.
- **7.2 Conditions for safe storage, including any incompatibilities**
  - Storage
  - Requirements to be met by storerooms and containers: No special requirements.
SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Components with critical values that require monitoring at the workplace:
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

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).

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: Yellowish

Smell: Recognisable

Odour threshold: Not determined.

pH-value at 20 °C: 7.1

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.
**Product name** LOBAHOME FloorCleaner+

- **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:** 1.006 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.
- **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>Route</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral LD50</td>
<td>457 mg/kg (rat)</td>
</tr>
<tr>
<td>Dermal LD50</td>
<td>660 mg/kg (rat)</td>
</tr>
<tr>
<td>Inhalative LC50/4 h</td>
<td>0.33 mg/L (rat)</td>
</tr>
<tr>
<td></td>
<td>0.188 mg/L (fish)</td>
</tr>
</tbody>
</table>

- **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:**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>EC50/48 h (daphnia)</td>
<td>0.1 mg/L</td>
</tr>
<tr>
<td>EC50/72 h (Algae)</td>
<td>0.027 mg/L</td>
</tr>
<tr>
<td>NOEC (daphnia)</td>
<td>0.0012 mg/L</td>
</tr>
<tr>
<td>NOEC (Algae)</td>
<td>0.098 mg/L</td>
</tr>
<tr>
<td>NOEC (fish)</td>
<td>0.0012 mg/L</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.

### 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

- **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
- 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.

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

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.
H302 Harmful if swallowed.
H310 Fatal in contact with skin.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
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.
H412 Harmful to aquatic life with long lasting effects.

Department issuing data specification sheet: Product management.

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

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

**Product name LOBAHOME FloorCleaner+**

<table>
<thead>
<tr>
<th>Category</th>
<th>Description</th>
<th>Category Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>vPvB: very Persistent and very Bioaccumulative</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute Tox. 3: Acute toxicity - oral – Category 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute Tox. 4: Acute toxicity - oral – Category 4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acute Tox. 2: Acute toxicity - dermal – Category 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Skin Corr. 1C: Skin corrosion/irritation – Category 1C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Skin Irrit. 2: Skin corrosion/irritation – Category 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Eye Dam. 1: Serious eye damage/eye irritation – Category 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Eye Irrit. 2: Serious eye damage/eye irritation – Category 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Skin Sens. 1A: Skin sensitisation – Category 1A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Data compared to the previous version altered.*