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**Trade name: Lederöl BC**

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

- **1.1 Product identifier**
- Trade name: Lederöl BC
- Article number: 20800130
- **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 Auxiliary

### SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- Classification according to Regulation (EC) No 1272/2008



health hazard

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

- **2.2 Label elements**
- Labelling according to Regulation (EC) No 1272/2008  
The product is classified and labelled according to the GB CLP regulation.
- Hazard pictograms GHS08
- Signal word Danger
- Hazard statements  
H304 May be fatal if swallowed and enters airways.
- Precautionary statements  
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.  
P331 Do NOT induce vomiting.
- **2.3 Other hazards** Not applicable
- 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 substances listed below with nonhazardous additions.

**Dangerous components:**

white mineral oil	 Asp. Tox. 1, H304	50-100%
alkyl sulfonate	 Skin Irrit. 2, H315; Eye Irrit. 2, H319	≤ 2.5%

- Additional information: For the wording of the listed hazard phrases refer to section 16.

GB

(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 complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist 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 extinguishing methods suitable to surrounding conditions.  
Foam  
Fire-extinguishing powder  
Carbon dioxide
- **5.2 Special hazards arising from the substance or mixture**  
In case of fire formation of carbon oxides possible.
- **5.3 Advice for firefighters**
- **Protective equipment:** Wear fully protective suit.

#### **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 to enter sewers/ surface or ground 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 substances are released.  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

#### **SECTION 7: Handling and storage**

- **7.1 Precautions for safe handling** Pay attention to the usual precautionary measures for handling chemicals.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles.
- **7.3 Specific end use(s)** No further relevant information available.

#### **SECTION 8: Exposure controls/personal protection**

- **8.1 Control parameters**
- **Additional information about design of technical facilities:** No further data; see section 7.

**Ingredients with limit values that require monitoring at the workplace:**
**substituted amine**
**OES** Long-term value: 13 mg/m<sup>3</sup>, 3 ppm

*Additional information: The lists valid during the making were used as basis.*
**8.2 Exposure controls**
**Personal protective equipment:**
**General protective and hygienic measures:** Wash hands before breaks and at the end of work.

**Respiratory protection:** 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**
*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.*
**Penetration time of glove material** Not applicable

**Eye protection:** Goggles recommended during refilling

**Body protection:** Protective work clothing

**SECTION 9: Physical and chemical properties**
**9.1 Information on basic physical and chemical properties**
**General Information**
**Appearance:**
**Form:** Fluid

**Colour:** Yellow

**Odour:** Characteristic

**Change in condition**
**Melting point/freezing point:** Undetermined.

**Initial boiling point and boiling range:** Undetermined.

**Flash point:** 197 °C

**Ignition temperature:** Product is not selfigniting.

**Explosive properties:** Product does not present an explosion hazard.

**Vapour pressure at 20 °C:** 0.01 hPa

**Density at 20 °C:** 0.856 g/cm<sup>3</sup>
**Solubility in / Miscibility with water:**
*Not miscible or difficult to mix.*
**Viscosity:**
**Kinematic at 40 °C:** 20.4 mm<sup>2</sup>/s

**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 relevant for classification:

#### white mineral oil

Oral	Chronische Toxizität	>1200 mg/kg (rat) (NOAEL, OECD 453)
	LD50	>5000 mg/kg (rat) (OECD 401)
Dermal	LD50	>2000 mg/kg (rabbit) (OECD 402)
	Subakute Toxizität	1000 mg/kg (rabbit) (NOAEL, OECD 410)
	Subchron. Toxizität	≥2000 mg/kg (rat) (NOAEL, OECD 411)
Inhalative	LC50/4h	>5000 mg/m <sup>3</sup> (rat) (OECD 403)
Irritation of skin	OECD 404	nicht reizend (rabbit)
Irritation of eyes	OECD 405	nicht reizend (eye of rabbit)
Sensitisation	OECD 406	nicht sensibil. (guinea pig)
	Ames Test	nicht mutagen (.) (OECD 471)
	carcinogen	negativ (.) (OECD 453)
	reproduction toxicity	negativ (.) (Chromosomenabberationstest, OECD 474)

- **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.
- **Additional toxicological information:**
- **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**  
May be fatal if swallowed and enters airways.

## SECTION 12: Ecological information

### - 12.1 Toxicity

#### - Aquatic toxicity:

#### white mineral oil

EC50	>1000 mg/l (activated sludge) (LL50 40h)
LC50/96 h	>1000 mg/l (leuciscus idus) (OECD 203)
OECD 201	≥100 mg/l 72h (Pseudokirchneriella subcapitata) (NOEL)
OECD 202	>100 mg/l (Daphnia magna) (LL50 48h)

### - 12.2 Persistence and degradability

#### white mineral oil

OECD 301 F	31.3 % (28 d)
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- **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 (German Regulation) (Self-assessment): slightly hazardous for water*  
*Do not allow undiluted product or large quantities of it to reach ground water, water course 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 together with household garbage. Do not allow product to reach sewage system.*  
*Must be specially treated adhering to official regulations.*
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

### SECTION 14: Transport information

- |   |                 |
|---|-----------------|
| - <b>14.1 UN-Number</b><br>- <b>ADR, ADN, IMDG, IATA</b>                                    | Void            |
| - <b>14.2 UN proper shipping name</b><br>- <b>ADR, ADN, IMDG, IATA</b>                      | Void            |
| - <b>14.3 Transport hazard class(es)</b><br>- <b>ADR, ADN, IMDG, IATA</b><br>- <b>Class</b> | Void            |
| - <b>14.4 Packing group</b><br>- <b>ADR, IMDG, IATA</b>                                     | Void            |
| - <b>14.5 Environmental hazards:</b><br>- <b>Marine pollutant:</b>                          | No              |
| - <b>14.6 Special precautions for user</b>  | Not applicable. |
| - <b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b>            | Not applicable. |
| - <b>UN "Model Regulation":</b>   | Void            |

### SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
  - **National regulations:**
  - **Technical instructions (air):**
- | Class | Share in % |
|-------|------------|
| II    | ≤ 2,5      |
- **Waterhazard 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**

*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

### **· Relevant phrases**

*H304 May be fatal if swallowed and enters airways.*

*H315 Causes skin irritation.*

*H319 Causes serious eye irritation.*

### **· Abbreviations and acronyms:**

*ADR: Accord relatif au transport international 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*

*Skin Irrit. 2: Skin corrosion/irritation – Category 2*

*Eye Irrit. 2: Serious eye damage/eye irritation – Category 2*

*Asp. Tox. 1: Aspiration hazard – Category 1*

### **· \* Data compared to the previous version altered.**