

## 1. Identification of the Substance/Mixture and of the Company/Undertaking

### 1.1 Product identifier

**Product name** ACCU-LBE LB-4500

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

**Use of substance/mixture** Minimum quantity lubricant

### 1.3 Details of the supplier of the safety data sheet

**Company name** ACCU-LUBE Manufacturing GmbH  
Glaitstrasse 29  
D-75433 Maulbronn-Schmie  
Phone: ++49 (0) 7043 / 5612  
Fax: ++49 (0) 7043 / 907098

### 1.4 Emergency telephone number

**Emergency tel:** ++49 (0) 7043 / 5612

## 2. Hazards Identification

### 2.1 Classification of the substance or mixture

**Classification under CHIP** This product has no classification under CHIP

### 2.2 Label elements

**Label elements** This product has no label elements

### 2.3 Other hazards

**PBT** This product is not identified as a PBT/vPvB substance

## 3. Composition/Information on Ingredients

### 3.2 Mixtures

**Contains:** Non-hazardous substance1 – 100%

## 4. First-aid Measures

### 4.1 Description of first aid measures

**Skin contact:** Wash immediately with plenty of soap and water

**Eye contact:** Bathe the eye with running water for 15 minutes. Consult a doctor.

**Ingestion:** Wash out mouth with water

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so.

#### 4.2 Most important symptoms and effects, both acute and delayed

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be irritation of the throat.

**Inhalation:** There may be coughing and a sore throat.

#### 4.3 Indication of any immediate medical attention and special treatment needed

### 5. Fire-fighting Measures

#### 5.1 Extinguishing media

**Extinguishing media** Use water spray to cool containers. Suitable extinguishing media for the surrounding fire should be used.

#### 5.2 Special hazards arising from the substance or mixture

**Exposure hazards** In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

#### 5.3 Advice for fire-fighters

**Advice for fire-fighters** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

### 6. Accidental Release Measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

**Personal precautions** Refer to section 8 of this safety data sheet for personal protection details.

#### 6.2 Environmental precautions

**Environmental precautions** Do not discharge into drains or rivers.

#### 6.3 Methods and material for containment and cleaning up

**Clean-up procedures** Transfer to a closable, labelled salvage container for disposal by an appropriate method.

#### 6.4 Reference to other sections

### 7. Handling and Storage

#### 7.1 Precautions for safe handling

**Handling requirements** Avoid direct contact with the substance.

#### 7.2 Conditions for safe storage, including any incompatibilities

**Storage conditions** Store in cool, well ventilated area.

**Suitable packaging** Must only be kept in original packaging.

**7.3 Specific end use(s)****8. Exposure Controls/Personal Protection****8.1 Control parameters**

**Workplace exposure limits** No data available

**DNEL/PNEC Values** No data available

**8.2 Exposure controls**

**Engineering measures** Ensure there is sufficient ventilation of the area.

**Respiratory protection** Respiratory protection not normally required.

**Hand protection** Protective gloves

**Eye protection** Safety glasses with side-shields

**Skin protection** Protective clothing

**9. Physical and Chemical Properties****9.1 Information on basic physical and chemical properties**

**State:** liquid

**Colour:** clear

**Odour:** characteristic odour

**Evaporation rate:** negligible

**Oxidising:** non-oxidising (by EC criteria)

**Solubility in water:** insoluble

**Viscosity:** viscous

**Viscosity kinematic:** 7,5

**Viscosity test method:** kinematic viscosity in 10<sup>-6</sup> m<sup>2</sup>/s at 40°C (ISO 3104/3105)

**Flash point:** 214°C

**Autoflammability:** > 200°C

**Relative density:** 0,9

**9.2 Other information**

**Other information** Pour point: - 25°C ; WGK Water Class: 1

## 10. Stability and Reactivity

### 10.1 Reactivity

**Reactivity** Stable under recommended transport or storage conditions.

### 10.2 Chemical stability

**Chemical stability** Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

**Hazardous reactions** Hazardous reactions will not occur under normal transport or storage conditions.

### 10.4 Conditions to avoid

**Conditions to avoid** Heat

### 10.5 Incompatible materials

**Materials to avoid** Strong oxidising agents. Strong reducing agents.

### 10.6 Hazardous decomposition products

**Haz. decomp. products** In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

## 11. Toxicological Information

### 11.1 Information on toxicological effects

**Toxicity values** No data available

#### Symptoms / Routes of exposure

**Skin contact** There may be mild irritation at the site of contact.

**Eye contact** There may be irritation and redness.

**Ingestion** There may be irritation of the throat.

**Inhalation** There may be coughing and a sore throat.

## 12. Ecological Information

### 12.1 Toxicity

**Ecotoxicity values** No data available

### 12.2 Persistence and degradability

**Persistence and degradability** Biodegradable

### 12.3 Bioaccumulative potential

**Bioaccumulative potential** No bioaccumulation potential.

#### 12.4 Mobility in soil

**Mobility** Non-volatile. Absorbed only slowly into soil.

#### 12.5 Results of PBT and vPvB assessment

**PBT identification** This product is not identified as a PBT/vPvB substance.

#### 12.6 Other adverse effects

### 13. Disposal Considerations

#### 13.1 Waste treatment methods

**Disposal of packaging** Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

### 14. Transport Information

**Transport class** This product does not require a classification for transport.

### 15. Regulatory Information

#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

#### 15.2 Chemical Safety Assessment

### 16. Other Information

#### Other information

This safety data sheet is prepared in accordance with Commission Regulation (EU) No. 453/2010.

#### Legal disclaimer

The above mentioned information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above mentioned product.