

**1. Identification of the Substance/Product and of the Company****Trade name** ACCU-LUBE LB-4500**Producer/Supplier** ACCU-LUBE Manufacturing GmbH  
Glaitstr. 29  
D-75433 Maulbronn-Schmie  
phone: 07043 / 5612 fax: 07043 / 907098**Source of information****Emergency inquiries****2. Hazards Identification****Special hazards for humans and the environment**

none

**3. Composition/Information on Ingredients****Chemical characterization**

Fatty ester

**3. First-Aid Measures****After skin contact**

Wash with soap and water

**After eye contact**

Flush well with water

**After swallowing**

Do not induce vomiting. Consult doctor.

**5. Fire Fighting Measures****Appropriate fire-extinguishing media**Dry chemicals, foam, CO<sub>2</sub>**Inappropriate fire-extinguishing media for safety reasons**

Water, alcohol foam

**Special safety equipment**

Fire fighters should wear self-contained breathing apparatus in confined areas

**6. Accidental Release Measures****Individual safety measures**

Wear suitable protective clothing

**Measures for the protection of the environment**

Dike area of spillage with absorbent materials to prevent entry to drains or water courses

Date of Printing: 08.01.2010

Date of Revision: 08.01.2010

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**Methods for cleaning/absorption**

Mop up or use absorbent material, clean area, discard in suitable containers in accordance with local regulations

**Further Information**

Follow values of organic/natural oils

**7. Handling and Storage****Information for safe handling**

Handle and open containers with care. Avoid contact with skin and eyes. Do not inhale fumes or vapours.

**Information for fire and explosion protection**

Low risk of fire due to high flash point and low volatility. Keep away from open flames and sparks

**Requirements for storage rooms and containers**

Store at room temperature in dry area.

**Further information as to storage conditions**

none

**Storage class**

n.a.

**8. Exposure Controls/Personal Protection****Further information as to the design of technical installations**

Local exhaust is recommended for confined areas. General mechanical ventilation is adequate for normal use.

**Respiratory protection**

None required at normal handling temperatures

**Hand protection**

Protective gloves

**Eye protection**

Safety glasses with side shields

**Body protection**

Protective clothing

**General protective measures****Hygienic measures**

Wash with soap and water after use

**9. Physical and Chemical Properties****State of matter**

Liquid

**Colour**

clear

**Odour**

ester like

**Safety Data**

	Value	Temperature	At	Method	Remarks
<b>Cloud / flocculation point</b>	not tested				
<b>Pour point</b>	4° C				

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<b>Flash point</b>	191° C	PMCC
<b>Density</b>	0,87 g/cm <sup>3</sup>	
<b>Solubility in water</b>		insoluble
<b>Viscosity 1 kinematic</b>	5 cSt	40° C
	2 cSt	100° C

**10. Stability and Reactivity****Conditions to be avoided**

Heat

**Materials/substances to be avoided**

Strong oxidizing agents

**Dangerous products of decomposition**

In combustion emits toxic fumes of carbon dioxide / carbon monoxide

**11. Toxicological Information****Acute toxicity/effects of irritation/sensitisation**

	Value	Species	Method	Remarks
<b>LD50 acute oral</b>	not tested			
<b>Effects of irritation on skin</b>	not tested			
<b>Effects of irritation on eye</b>	not tested			
<b>General information</b>				

**12. Ecological Information****Elimination (persistence and degradability)**

	Degree of elimination	Analytical method	Method	Remarks
<b>Biological Decomposability</b>	not tested			
<b>Ready Decomposability</b>	not tested			
<b>Ecotoxic effects</b>				
<b>Fish</b>	not tested			
<b>Bacteria</b>	not tested			
<b>General information</b>				

**13. Disposal Considerations**

<b>Waste code no.</b>	<b>Designation</b>
	Non-hazardous

**Recommendation for the product**

Dispose of in compliance with local regulations

**Recommendation for the packing**

Plastic or mild steel

**14. Transport Information**

**Further information for transport**

none

**15. Regulatory Information**

**Identification information**

**Special identification of specific preparations**

none

**National regulations**

**Water pollution hazard class:** 1 (US classification)

**16. Other Information**

**Recommended use and limitations**

**Further information**

Information and recommendations in this document are based on data believed to be correct. No warranty of any kind, however, is made as to the information in this document.