

# Material Safety Data Sheet (GB)

according to 91/155/EEC



**Product name :** LUBA-print 3510  
35% in water  
**Revision :** 11.05.2006      **Version :** 4.0.0  
**Print date :** 25.04.2007

## 01. Identification of substance, preparation and company

**Product name :** LUBA-print 3510  
35% in water  
**Use of the substance / preparation :** Waxadditiv for lacquers and printing-inks.  
**Manufacturer/Supplier :** L. P. Bader & Co. GmbH  
**Street/P.O.Box :** Neckartal 140  
**Country code/Postal code/Town/City :** 78628 Rottweil  
**Telephone :** +49 741 / 9 42 52-0  
**Telefax :** +49 741 / 9 42 52-50  
**Emergency information :** +49 741 / 9 42 52-0

## 02. Composition/information on ingredients

### Chemical characterization

wax emulsion

### Hazardous components

FETTALKOHOLETHOXYLAT

Percentage : 7 %

Classification : N ; R 50/53 Xi ; R 41 Xn ; R 22 Xi ; R 38

POTASSIUM HYDROXIDE ; EC-No. : 215-181-3 ; CAS-No. : 1310-58-3

Percentage : 0,9 %

Classification : C ; R 35 Xn ; R 22

For the wording of the listed risk phrases refer to section 16.

## 03. Hazards identification

### Hazard designation

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. · Risk of serious damage to eyes.

Classification : N ; R 51/53 · Xi ; R 41 · Xi ; R 38

## 04. First-aid measures

### General

Immediately remove all contaminated clothing.

### After skin contact

Wash away with soap and water and rinse.

### After eye contact

Remove contact lenses, keep eyelids open. Flush with plenty of water (10 - 15 min.). Call a physician.

### After ingestion

Rinse mouth with water. If symptoms persist, consult a physician. Drink plenty of water.

## 05. Fire-fighting measures

### Suitable extinguishing media

Foam, CO<sub>2</sub>, powder extinguisher, water haze, water spray jet. Not combustible under normal conditions.

### Unsuitable extinguishing media

No Restrictions

### Additional information

Do not allow the quenching water into the sewage system.

## 06. Accidental release measures

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## Personal precautions

Refer to protective measures listed in sections 7 and 8.

## Environmental precautions

Do not empty into drains. If the product contaminates lakes, rivers or sewages, inform appropriate authorities in accordance with local regulations.

## Methods for cleaning up/collecting

Take up with an absorbing material and cover. Remove mechanically, take-up residues with absorbing material. For example: sand, sawdust, chemical binding agents (Calcium silicate hydrate).

## 07. Handling and storage

### Information for safe handling

Avoid contact with skin and eyes. Comply with the health and safety at work laws.

### Further information about storage conditions

Avoid cooling to under 0°C.

**Storage class (VCI) :** 12

## 08. Exposure controls and personal protection

### Personal protective equipment

#### Hand protection

Protective gloves, PVC or rubber.

#### Eye protection

Use safety glasses.

## 09. Physical and chemical properties

### Image

**Form :** Liquid.  
**Colour :** Opal.  
**Odour :** Characteristic.

### Relevant safety data

<b>Boiling point / range :</b>	( 1013 hPa )	ca.	100	°C	literature
<b>Density :</b>	( 20 °C )	ca.	1	g/cm <sup>3</sup>	DIN 53217
<b>Solubility in water :</b>	( 20 °C )		soluble		
<b>pH value :</b>	( 20 °C / 999 g/l )		9 - 10		DIN 19261
<b>Viscosity :</b>	( 23 °C / at 1291 s-1 )	ca.	40	mPa.s	DIN 53214

### Additional information

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## 10. Stability and reactivity

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### Conditions to avoid

Stable under recommended storage and handling conditions(See section 7).

## 11. Toxicological information

### Toxicological tests

#### LD50/LC50 values that are relevant for classification

**Specification :** LD-50  
**Routes of entry :** oral  
**Test species :** Rat

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Value / dosage : > 2000 mg/kg

## Additional toxicological information

-- The product was classified in toxicological terms on the basis of the results of the calculation procedure outlined within General Directive on Preparations (88/379/EEC).

## 12. Ecological information

### Additional ecological information

Do not empty into waters or drains.

## 13. Disposal considerations

Always observe official regulations. Waste code pursuant to the technical instructions for waste EAK: 070 701.

## 14. Transport information

**No dangerous goods according to international transport regulations.**

## 15. Regulatory information

### Classification according to EC directives

#### Danger symbol and danger designation



Xi ; Irritant



N ; Dangerous for the environment

#### R-phrases

51/53      Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
41      Risk of serious damage to eyes.  
38      Irritating to skin.

#### S-phrases

51      Use only in well-ventilated areas.  
37/39      Wear suitable gloves and eye/face protection.  
26      In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

### National regulatory information

#### Water pollution classification

Class : 2 according VwVWS

## 16. Other information

### Further information

The details in this material safety data sheet satisfy national and EC legislation. We have no knowledge or control over the user's working conditions however. The product may not be used for any purpose other than that specified in chapter 1 unless written consent has been obtained. The user is responsible for the observance of all required statutory provisions.

#### Relevant changes

15. Danger symbol and danger designation · 15. R-phrases · 15. Water pollution classification

#### R-Phrases of components

22      Harmful if swallowed.  
35      Causes severe burns.  
38      Irritating to skin.  
41      Risk of serious damage to eyes.  
50/53      Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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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.

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