

# Safety data sheet

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BASF Safety data sheet according to 91/155/EEC

Date / Revised: 30.06.2004

Product: **Eukesol\* Oil OW**

Version: 1.0

(30091416/SDS\_LEA\_EU/EN)

Date of print 03.02.2008

## 1. Substance/preparation and company identification

### Eukesol\* Oil OW

Use: auxiliary / enhancing agent for leather industry

Company:

BASF SE

67056 Ludwigshafen

GERMANY

Performance Chemicals for Leather

Telephone: +49 621 60-72783

Telefax number: +49 621 60-41517

E-mail address: Productinformation.Performance-Chemicals@basf.com

Emergency information:

Telephone: +49 180 2273-112

Telefax number: +49 621 60-92664

## 2. Composition/information on ingredients

Chemical nature

Preparation based on: mixture, oil, synthetic, naturally

Hazardous ingredients

oleic acid, ethoxylated, polymer; starting materials listed in EINECS

Content (W/W):  $\geq 5\%$  -  $\leq 10\%$ 

Hazard symbol(s): Xi

R-phrase(s): 38

The wording of the hazard symbols and R-phrases is specified in chapter 16 if dangerous ingredients are mentioned.

### 3. Hazard identification

none

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### 4. First-aid measures

General advice:

Immediately remove contaminated clothing.

If inhaled:

If difficulties occur after vapour/aerosol has been inhaled, remove to fresh air and seek medical attention.

On skin contact:

Wash thoroughly with soap and water.

On contact with eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open.

On ingestion:

Rinse mouth immediately and then drink plenty of water, seek medical attention.

Note to physician:

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

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### 5. Fire-fighting measures

Suitable extinguishing media:

water, dry extinguishing media, foam, carbon dioxide

Specific hazards:

harmful vapours

Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

Special protective equipment:

Wear a self-contained breathing apparatus.

Further information:

The degree of risk is governed by the burning substance and the fire conditions. Contaminated extinguishing water must be disposed of in accordance with official regulations.

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### 6. Accidental release measures

Personal precautions:

Use personal protective clothing.

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**Environmental precautions:**

Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.

**Methods for cleaning up or taking up:**

For large amounts: Pump off product.

For residues: Pick up with suitable absorbent material. Dispose of absorbed material in accordance with regulations.

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## 7. Handling and storage

### Handling

No special measures necessary provided product is used correctly.

**Protection against fire and explosion:**

Take precautionary measures against static discharges.

### Storage

Further information on storage conditions: Keep container tightly closed and dry; store in a cool place.

Protect from temperatures above: 50 °C

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## 8. Exposure controls and personal protection

### Personal protective equipment

**Respiratory protection:**

Suitable respiratory protection for higher concentrations or long-term effect: Gas filter EN141 Type A for gases/vapours of organic compounds (boiling point >65 °C).

**Hand protection:**

Chemical resistant protective gloves (EN 374)

Suitable materials short-term contact and/or splashes (recommended: At least protective index 2, corresponding > 30 minutes of permeation time according to EN 374)  
butyl rubber (butyl) - 0.7 mm coating thickness

Suitable materials also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN 374):

nitrile rubber (NBR) - 0.4 mm coating thickness

Supplementary note: The specifications are based on own tests, literature data and information of glove manufacturers or are derived from similar substances by analogy. Due to many conditions (e.g. temperature) it must be considered, that the practical usage of a chemical-protective glove in practice may be much shorter than the permeation time determined in accordance with EN 374. Manufacturer's directions for use should be observed because of great diversity of types.

Eye protection:

Safety glasses with side-shields (frame goggles) (EN 166)

Body protection:

Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit (according to DIN-EN 465).

General safety and hygiene measures:

Handle in accordance with good industrial hygiene and safety practice. Wearing of closed work clothing is required additionally to the stated personal protection equipment.

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## 9. Physical and chemical properties

Form:	liquid	
Colour:	cloudy yellowish	
solidification temperature:	-15 °C	
Flash point:	> 100 °C	
Density:	0.92 g/cm <sup>3</sup> (23 °C)	
Solubility in water:	miscible	
Solubility (qualitative) solvent(s):	aliphatic hydrocarbons, aromatic hydrocarbons soluble	
Flow time:	23 - 30 s (23 °C)	(DIN 53211; 4 mm)

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## 10. Stability and reactivity

Hazardous reactions:

No hazardous reactions when stored and handled according to instructions.

Hazardous decomposition products:

No hazardous decomposition products if stored and handled as prescribed/indicated.

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## 11. Toxicological information

LD50/oral/rat: > 2,000 mg/kg

Primary skin irritation/rabbit: non-irritant

Primary irritations of the mucous membrane/rabbit: non-irritant

Additional information:

The product has not been tested. The statement has been derived from the properties of the individual components.

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## 12. Ecological information

### Other adverse effects

Adsorbable organically-bound halogen (AOX):  
This product contains no organically-bound halogen.

### Additional information

Other ecotoxicological advice:  
Do not release untreated into natural waters. Inhibition of degradation activity in activated sludge is not to be anticipated during correct introduction of low concentrations. The product has not been tested. The statement has been derived from the properties of the individual components.

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## 13. Disposal considerations

Must be dumped or incinerated in accordance with local regulations.

A waste code in accordance with the European waste catalog (EWC) cannot be specified, due to dependence on the usage.  
Observe national and local legal requirements.

Contaminated packaging:  
Uncontaminated packaging can be re-used.  
Packs that cannot be cleaned should be disposed of in the same manner as the contents.

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## 14. Transport information

Not classified as hazardous under transport regulations (ADR RID ADNR IMDG/GGVSee ICAO/IATA)

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## 15. Regulatory information

### Regulations of the European union (Labelling) / National legislation/Regulations

The product does not require a hazard warning label in accordance with EC directives/German regulations on dangerous substances.  
Classification according to the 'Listing Principe' of the Guide lines for preparations (88/379/EEC).

### Other regulations

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## 16. Other information

Full text of hazard symbols and R-phrases if mentioned as hazardous components in chapter 2:

Xi	Irritant.
38	Irritating to skin.

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Vertical lines in the left hand margin indicate an amendment from the previous version.

The information contained herein is based on the present state of our knowledge and does not therefore guarantee certain properties. Recipients of our product must take responsibility for observing existing laws and regulations.