

## 1. Identification of the substance/preparation and of the company/undertaking

Product name	Kompressol-EP 4000 Langzeitfett
Use of the substance / preparation	Lubricating grease

Manufacturer/Supplier	Kompressol-Oel Verkaufs GmbH Merheimer Str. 109-121 50733 Köln
Telephone	+49-(0)221-768079-0
Telefax:	+49-(0)221-768079-69
E-Mail:	<a href="mailto:info@kompressol.de">info@kompressol.de</a>
technical support	0221-768079-0 (during office hours)
Emergency information:	As above

## 2. Hazards identification

Classification of the substance or mixture  
Directive 67/548/EEC or 1999/45/EC: -

### Label elements

Directive 67/548/EEC or 1999/45/EC

The usual precautionary measures for the handling of chemicals have to be observed. The classification is based on experimental and epidemiological data or because the conventional method acc. Preparations Directive 1999/45.

Other hazards None

### Additional information

The classification was made according to the latest editions of the EC-Lists, and expanded upon from company and literature data.

## 3. Composition/information on ingredients

### Mixtures

#### Chemical characterization

Base oil with thickener and additives.

### Hazardous components

### Additional information

For ingredients without any information about the EG-number we will use a generic name according to RL 1999/45/EG amendment VI. Highly refined mineral oil (IP 346 DMSO extract < 3%).

## 4. First-aid measures

General	Immediately remove all contaminated clothing.
After inhalation	No particular measures required. Let fresh air in; In all cases of doubt, or when symptoms persist, seek medical attention.
After skin contact	First, wipe dry. Wash with plenty of soap and water rinse.
After eye contact	Remove contact lenses, keep eyelids open. Flush with plenty of water. After first aid treatment immediately seek medical advice.
After ingestion	Do not induce vomiting. After first aid treatment immediately seek medical advice.

Most important symptoms and effects, both acute and delayed None known  
Indication of any immediate medical attention and special treatment needed None

## 5. Fire-fighting measures

Suitable extinguishing media	Water spray jet, foam, extinguishing power. Carbon dioxide (CO <sub>2</sub> ), Sand. Adapt extinguishing measures to suit the environment
Unsuitable extinguishing media	Water
Special hazards arising from the substances or mixture	Carbon monoxide (CO). Carbon dioxide (CO <sub>2</sub> ). Aliphatic and aromatic pyrolysis products. Oxides of nitrogen (NO <sub>x</sub> ). Sulphur dioxide (SO <sub>2</sub> ).
Advice for firefighters	Appropriate breathing apparatus may be required.
Additional information	Do not allow the quenching water into the sewage system.

## 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Avoid contact with skin and eyes. Take the precautions customary when handling chemicals.
Environmental precautions	Do not empty into water or drains.
Methods and material for containment and cleaning up	Caution: Slipping. Take-up mechanically and remove according to regulations (Chapter 13).
Reference to other sections	None

## 7. Handling and storage

Precautions for safe handling	
Informations for safe handling	This product is unlikely to harm health, given normal and proper handling and hygienic precautions. Avoid contact with skin and eyes.
Information about protection against explosions and fires	No particular measures required.
Conditions for safe storage, including any incompatibilities	
Requirements to be met by storerooms and containers	In accordance with local official regulations. The product is water polluting.
Information about separation of incompatible products	Reaction with oxidizing agents possible.
Further information about storage conditions	Always keep in containers of same material as the original one. See also instructions on the label. Avoid heating and direct sunlight. Observe recommended storage temperature. Avoid cooling to under 0°C.
Storage class:	13
Storage class (TRGS 510):	11
Specific and use(s):	None

## 8. Exposure controls/personal protection

### Control parameters

Under non-conventional conditions oil mist can evolve. The following country specific limits are valid in this case: Finland: 5 mg/m<sup>3</sup>, Sweden: 5 mg/m<sup>3</sup>, USA: 5 mg/m<sup>3</sup>

Exposure controls	
Personal protective equipment	
General protective and hygiene measures	Avoid contact with skin and eyes. Immediately remove all contaminated clothing. Wash hands before breaks and after work. Keep away from food, drink and animal feeding stuff. The usual precautionary measures for the handling of chemicals have to be observed.
Respiratory protection	No particular measures required.
Hand protection	Use protective gloves; Nitrile: thick 0,4 mm, break trough time > 240 min. The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
Eye protection:	Use safety glasses.
Body protection:	General protective and hygiene measures: No particular measures required.

### Additional information about engineering measures

Refer to protective measures listed in sections 7 and 8.

## 9. Physical and chemical properties

### Image

Form: pasty  
Colour: According to technical data sheet.  
Odour: Characteristic.

### Relevant safety data

Melting point / range :	( 1013 hPa - mbar )	>		170 °C	
Boiling point / range :	( 1013 hPa - mbar )	>		250 °C	
Flash point :		>		200 °C	
Danger of explosion:				No explosive hazard	
Density :	( 20 °C )	Ca.		0,92 g/cm <sup>3</sup>	DIN 51757
Solubility in / Miscibility with Water:				Not miscible or difficult to mix.	

Other information: None

## 10. Stability and reactivity

Reactivity:	There are no data available on the product itself.
Chemical stability:	There are no data available on the product itself.
Possibility of hazardous reactions:	There are no data available on the product itself.
Conditions to avoid	Stable under recommended storage and handling conditions. (See section 7)

Incompatible materials	Strong oxidizers.
Hazardous decomposition products	When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke, oxides of nitrogen. Aldehydes, ketones, carboxylic acids. Sulphur oxides (SO <sub>x</sub> ) .

## 11. Toxicological information

### Information on toxicological effects

#### Primary irritant effect

Skin contact: frequent and prolonged skin contact may cause irritation and skin inflammation.

Eye contact: irritation.

#### Sensitization

None known.

### Experience on practice

This product is unlikely to harm health, given normal and proper handling and hygienic precautions.

Ecotoxic effects: None known.

Aquatic toxicity: None known.

## 12. Ecological information

Toxicity	There are no data available on the product itself
Persistence and degradability	There are no data available on the product itself
Bioaccumulative potential	There are no data available on the product itself
Mobility in soil	There are no data available on the product itself
Results of PBT ab vPvB assessment	There are no data available on the product itself
Other adverse effects	There are no data available on the product itself
Additional information	Do not empty into waters or drains

## 13. Disposal considerations

### Waste treatment methods

#### Recommendation

Remove in accordance with regulations.

Do not empty into waters or drains.

#### Waste key

ASN 12 01 12: spent waxes and fats.

### Contaminated packaging

Contaminated packaging must be emptied of all residues and may be sent to a recycling plant.

Uncleaned packaging must be disposed of in the same manner as the medium.

#### Recommendation

In accordance with local official regulations.

#### **14. Transport information**

<b>UN-Number</b>	The product does not constitute a hazardous substance in national / international road, rail, sea and air transport.
<b>Un proper shipping name</b>	The product does not constitute a hazardous substance in national / international road, rail, sea and air transport.
<b>Transport hazard class(es)</b>	The product does not constitute a hazardous substance in national / international road, rail, sea and air transport.
<b>Packing group</b>	The product does not constitute a hazardous substance in national / international road, rail, sea and air transport.
<b>Environmental hazards</b>	The product does not constitute a hazardous substance in national / international road, rail, sea and air transport.
<b>Special precautions for user</b>	The product does not constitute a hazardous substance in national / international road, rail, sea and air transport.

#### **15. Regulatory information**

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

**National regulatory information**

**Water pollution classification**

Class : 1 according VwVwS

**Chemical safety assessment**

There are no data available on the product itself.

#### **16. Other information**

**Contact:** e-mail: [info@kompressol.de](mailto:info@kompressol.de)

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.