

**Safety data sheet**  
according to 190 7/2006/EC, Article 31

Printing date 28.03.2011

Revision: 14.03.2011

### 1 Identification of the substance/mixture and of the company/undertaking

**- Product details**

- Trade name **BOGE Syprem 8000 K**
- Application of the substance / the preparation **Lubricating oil**

**- Manufacturer/Supplier:**

BOGE Kompressoren  
Otto-Boge-Str. 1-7, D-33739 Bielefeld  
Telephone: (0)5206 601-0 Fax: -200

**- Emergency information:**

Tel: + 49 (0) 170 44 00 444

### 2 Hazards identification

- Classification of the substance or mixture
- Classification according to Regulation (EC) No 1272/2008  
The substance is not classified according to the CLP regulation.

.....  
- Classification according to Directive 67/548/EEC or Directive 1999/45/EC void

- Information concerning particular hazards for human and environment:

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

- Classification system:

The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

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- Label elements

- Labelling according to Regulation (EC) No 1272/2008 Void
- Hazard pictograms Void
- Signal word Void
- Hazard statements Void
- Other hazards
- Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.

### 3 Composition/information on ingredients

- Chemical characterization: Substances Mixture of substances listed below with harmless additions - Description: fatty acid ester, additive,

### 4 First aid measures

- Description of first aid measures
- General advice: Change contaminated clothing
- After inhalation Supply fresh air; consult doctor in case of symptoms.

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**- After skin contact**

Wash skin with water using soap if available. If persistent irritation occurs, obtain medical attention.

**- After eye contact**

Rinse opened eye for 15 minutes under running water.

In case of persistent symptoms consult doctor.

**- After swallowing**

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; instantly call for medical help.

**- Information for doctor**

Symptomatic treatment.

Cleaning of the stomach should only be carried out with endotracheal intubation. Danger of aspiration. Renew lipid coating of the skin in order to protect against dermatitis. Symptomatic treatment.

## 5 Firefighting measures

**- Extinguishing media**

**- Suitable extinguishing agents**

CO<sub>2</sub>, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

**- For safety reasons unsuitable extinguishing agents** Water with a full water jet.

**- Special hazards arising from the substance or mixture** hazard determining flue gases: carbon monoxide, soot.

**- Advice for firefighters**

**- Protective equipment:** Wear self-contained breathing apparatus.

**- Additional information**

Endangered containers in the surrounding area should be cooled with a water-hose.

Collect contaminated fire fighting water separately. It must not enter drains.

## 6 Accidental release measures

**- Personal precautions, protective equipment and emergency procedures**

Particular danger of slipping on leaked/spilled product.

Avoid eye and skin contact.

**- Environmental precautions:** Do not allow to enter drainage system, surface or ground water.

**- Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose of contaminated material as waste according to item 13.

**- Reference to other sections**

See Section 8 for information on personal protection equipment.

## 7 Handling and storage

**- Handling**

**- Precautions for safe handling**

The usual good standards of industrial hygiene should be maintained.

Ensure good ventilation/exhaustion at the workplace. Avoid repeated or long-term skin contact.

Avoid the formation of oil haze.

**- Information about protection against explosions and fires:** No special measures required.

**- Conditions for safe storage, including any incompatibilities**

**- Storage** Keep containers tightly closed. Store in cool, dry conditions.

**- Requirements to be met by storerooms and containers:**

Observe official regulations on storage and handling of water hazardous substances

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- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.

## 8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**
- **Components with critical values that require monitoring at the workplace:** Not required.
- **Additional information:** The lists that were valid during the compilation were used as basis.
- **Exposure controls**
- **Personal protective equipment**
- **General protective and hygienic measures**  
Avoid the formation of oil haze.  
Gases, fumes and aerosols should not be inhaled.  
Avoid close or long term contact with the skin.  
Do not carry cleaning cloths impregnated with the product in trouser pockets.
- **Breathing equipment:** Not necessary if room is well-ventilated.
- **Protection of hands:** Protective gloves.
- **Material of gloves:** Chloroprene rubber, CR
- **Penetration time of glove material**  
Material of gloves is recommended for a short-term single use to protect from splashes. For permanent usage contact manufacturer of gloves.  
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.  
Change gloves if notice sign of disenchantment.
- **Eye protection:** Safety glasses
- **Body protection:** Protective work clothing.

## 9 Physical and chemical properties

<b>- Information on basic physical and chemical properties - General Information</b>	
<b>- Appearance:</b>	
<b>Form:</b>	Fluid
<b>Colour:</b>	Yellow
<b>Smell:</b>	Characteristic
<b>- pH-value:</b>	not applicable
<b>- Change in condition</b>	
	<b>Melting point/Melting range:</b> Not determined
	<b>Boiling point/Boiling range:</b> Not determined
<b>- Flash point:</b>	> 220°C
<b>- Ignition temperature:</b>	3 75°C
<b>- Decomposition temperature:</b>	> 160°C
<b>- Self-inflammability:</b>	Product is not selfigniting.
<b>- Danger of explosion:</b>	Product is not approx. potentially explosive.

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- Density at 20°C	ca. 0.99 g/cm <sup>3</sup>
- Solubility in / Miscibility with Water:	Insoluble
- Viscosity: kinematic at 15°C:	79-92 mm <sup>2</sup> /s (DIN 51562)

## 10 Stability and reactivity

- **Reactivity**
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known
- **Incompatible materials:** strong oxidizing agents
- **Hazardous decomposition products:** Formation of carbon monoxide and carbon dioxide in case of fire.

## 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** Less irritating. Remove lipid skin-film.
- **on the eye:** Slight irritant, but not sufficient to trigger an EC label
- **Sensitization:** No sensitizing effect known.
- **Additional toxicological information:**  
The product is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version.  
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information we have to hand.

## 12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** The product is not easily, but potentially degradable. (as per OECD)
- **Additional ecological information:**
- **General notes:**  
Danger to drinking water if even small quantities leak into soil.  
Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.  
Water hazard class 1 (Self-assessment): slightly hazardous for water.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

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### 13 Disposal considerations

**- Waste treatment methods**

**- Recommendation**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

A used product should be recycled or used in other contexts, otherwise be handed over to an appropriate disposal site.

**- Waste disposal key number:**

Since 01/01/99 the waste code numbers have not only been product-related but are also essentially application-related. The valid waste code number of the application can be obtained from the European waste catalogue.

**- Uncleaned packagings:** Disposal must be made according to official regulations.

**- Recommendation:**

Rented packaging: After optimal emptying, close immediately and return to the supplier without cleaning. Care should be taken that no other materials get into the packaging.

Other containers: After complete emptying and cleaning, send to be reconditioned or recycled.

### \*14 Transport information

**- Land transport ADR/RID and GGVS/GGVE (cross-border/domestic) - ADR/RID-GGVS/E Class:** -

**- Maritime transport IMDG/GGVSea:**

**- IMDG/GGVSea Class:** -

**- Air transport ICAO-TI and IATA-DGR:**

**- ICAO/IATA Class:** -

**- UN "Model Regulation":** -

**- Special precautions for user:** Not applicable.

**- Transport/Additional information:** Not dangerous according to the above specifications.

### 15 Regulatory information

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

**- National regulations**

**- Water hazard class:**

Water hazard class 1 (self assessment according to German VwVwS (Regulations for water-hazardous substances): slightly hazardous for water.

**- Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### 16 Other information

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.

**- Application:** Directions for use: please refer to the Technical Information Sheet

**- Department issuing data specification sheet:** see item 1: Informing departement

**- Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

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*RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)*

*IMDG: International Maritime Code for Dangerous Goods*

*IATA: International Air Transport Association*

*IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)*

*ICAO: International Civil Aviation Organization*

*ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)*

*GHS: Globally Harmonized System of Classification and Labelling of Chemicals*

*CLP: Classification, Labelling and Packaging (Regulation (EC) No. 1272/2008)*

- \* **Data compared to the previous version altered.**

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