

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Boge 3000plus

Print date: 21.02.2012

Product code: 5990-

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**Product identifier**

Boge 3000plus

Relevant identified uses of the substance or mixture and uses advised against**Use of the substance/mixture**

Verdichter- und Vakuumpumpenöl

Details of the supplier of the safety data sheet

| | | |
|---------------|-------------------------|---------------------------|
| Company name: | BOGE KOMPRESSOREN | |
| | Otto Boge GmbH & Co. KG | |
| Street: | Otto-Boge-Straße 1-7 | |
| Place: | 33739 Bielefeld | |
| Telephone: | +49 5206 601-0 | Telefax: +49 5206 601-200 |
| e-mail: | info@boge.com | |
| Internet: | www.boge.com | |

SECTION 2: Hazards identification**Classification of the substance or mixture**

The preparation is not dangerous in the sense of Directive 1999/45/EC.

Label elements**SECTION 3: Composition/information on ingredients****Mixtures****Chemical characterization**

Highly refined Mineral oils and additives

Further information

The highly refined mineral oil contains after IP 346, an DMSO extractable part less than 3 % (w/w).

SECTION 4: First aid measures**Description of first aid measures****General information**

Seek medical attention if problems persist. No administration in cases of unconsciousness or cramps.

After inhalation

Move victim to fresh air. Put victim at rest and keep warm.

After contact with skin

Take off immediately all contaminated clothing. After contact with skin, wash immediately with plenty of water and soap.

After contact with eyes

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Consult an ophthalmologist.

After ingestion

Do not induce vomiting. In case of swallowing, keep the patient at rest and contact a doctor.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically

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SECTION 5: Firefighting measures**Extinguishing media****Suitable extinguishing media**

Water fog. Extinguishing powder. Carbon dioxide. Foam.

Extinguishing media which must not be used for safety reasons

High power water jet.

Special hazards arising from the substance or mixture

Can be released in case of fire:

Carbon dioxide (CO₂).

Carbon monoxide.

Nitrogen oxides (NO_x).**Advice for firefighters**

In case of fire: Wear self-contained breathing apparatus.

SECTION 6: Accidental release measures**Personal precautions, protective equipment and emergency procedures**

See protective measures under point 7 and 8.

Environmental precautions

Do not empty into drains or the aquatic environment. Prevent spreading over great surfaces (e.g. by damming or installing oil booms).

Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

Large quantities remove mechanically

Clean contaminated objects and areas thoroughly observing environmental regulations.

Clean with detergents. Avoid solvent cleaners.

SECTION 7: Handling and storage**Precautions for safe handling****Advice on safe handling**

Avoid oil mist

Use only in well-ventilated areas.

Direct contact with skins avoid.

When using do not eat, drink or smoke.

Advice on protection against fire and explosion

Prevent access by unauthorised personnel.

Further information on handling

High slip hazard because of leaking or spilled product.

Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Keep the packing dry and well sealed to prevent contamination and absorption of dampness.

Recommended storage temperature: 5-40 °C

SECTION 8: Exposure controls/personal protection**Control parameters****Exposure controls****Protective and hygiene measures**

Use personal protection equipment as per Directive 89/686/EEC.

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Respiratory protection

If technical suction or ventilation measures are not possible or are insufficient, protective breathing apparatus must be worn.

Hand protection

Protect skin by using skin protective cream. Wear protective gloves if advisable under safety aspects. Wash hands before breaks and at the end of work. Gloves of appropriate material (i.e. nitrilic rubber, specification: penetration time: level 6, >480 min., thickness 0,9-1 mm; CE-certified acc. EN 374 cat III)

Eye protection

Use glasses or face shield if there is a risk of splashing.

Skin protection

Chemical resistant safety shoes. Take off immediately all contaminated clothing. Thorough skin-cleansing after handling the product. Set out skin protection guidelines.

SECTION 9: Physical and chemical properties**Information on basic physical and chemical properties**

| | |
|-----------------|----------------|
| Physical state: | liquid |
| Colour: | light brown |
| Odour: | characteristic |

pH-Value:

| | Test method |
|----------------|-------------|
| not applicable | |

Changes in the physical state

| | | |
|--------------------------------------|-------------------------|--------------|
| Boiling point: | > 280 °C | estimated |
| Flash point: | 230 °C | |
| Lower explosion limits: | 1 vol. % | |
| Upper explosion limits: | 10 vol. % | |
| Ignition temperature: | >320 °C | |
| Vapour pressure: | not determined | |
| Density (at 15 °C): | 0,875 g/cm ³ | EN ISO 12185 |
| Viscosity / kinematic: (at 40 °C) | 46 mm ² /s | ASTM D 7042 |

SECTION 10: Stability and reactivity**Conditions to avoid**

Protect against: heat.

Incompatible materials

The following must be prevented: Oxidizing agents, strong. acid.

Hazardous decomposition products

Hazardous decomposition products: none/none

SECTION 11: Toxicological information**Information on toxicological effects****Acute toxicity**

after ingestion: LD50: > 5000mg/kg Rat.
After skin contact: LD50: > 5000mg/kg Rat.

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Additional information on tests

No risks worthy of mention. Practical experience.
The statement is derived from the properties of the components.
The classification was undertaken in accordance with the calculation method governed by the Preparations Directive (1999/45/EC).

SECTION 12: Ecological information**Mobility in soil**

in delivery condition: liquid

SECTION 13: Disposal considerations**Waste treatment methods****Waste disposal number of waste from residues/unused products**

130205 OIL WASTES AND WASTES OF LIQUID FUELS (except edible oils, and those in chapters 05, 12 and 19); waste engine, gear and lubricating oils; mineral-based non-chlorinated engine, gear and lubricating oils
Classified as hazardous waste.

SECTION 14: Transport information**Land transport (ADR/RID)****Other applicable information (land transport)**

Not restricted

Inland waterways transport**Other applicable information (inland waterways transport)**

Not restricted

Marine transport**Other applicable information (marine transport)**

Not restricted

Air transport**Other applicable information (air transport)**

Not restricted

SECTION 15: Regulatory information**Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information****Additional information**

The preparation is not dangerous in the sense of Directive 1999/45/EC.

National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

SECTION 16: Other information

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)