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Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 19.06.2007 Revision: 19.06.2007

* 1 Identification of the substance/preparation and of the company/undertaking

- **Product details**

- **Trade name:** Bio-Filter Oil

- **Article number:** 6389

- **Application of the substance /
the preparation** Lubricant

- **Manufacturer/Supplier:** BO Motor Oil

Rootven 10

5531 MB Bladel

- **Further information obtainable**

from: Product safety department - info@bomotoroil.nl

- **Information in case of**

emergency: 0031 (0)497-384847

2 Hazards identification

- **Hazard description:** Not applicable.

- **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 according to the latest editions of the EU-lists, and extended by company and literature data.

3 Composition/information on ingredients

- **Description:** This product contains no dangerous ingredients in quantities of which in this section would have to be given up according to EU-provisions.

- **Dangerous components:**

Void

- **Additional information:** For the wording of the listed risk phrases refer to section 16.

4 First-aid measures

- **General information:** No special measures required.

- **After inhalation:** Supply fresh air; consult doctor in case of complaints.

- **After skin contact:** Generally the product does not irritate the skin.

- **After eye contact:** Rinse opened eye for several minutes under running water.

- **After swallowing:** Do not induce vomiting; call for medical help immediately.

- **Information for doctor:**

- **Treatment** If swallowed or in case of vomiting, danger of entering the lungs.

5 Fire-fighting measures

- **Suitable extinguishing agents:** Foam

Fire-extinguishing powder

Carbon dioxide

- **For safety reasons unsuitable**

extinguishing agents: Water with full jet

- **Special hazards caused by the
substance, its products of
combustion or resulting**

gases: Formation of toxic gases is possible during heating or in case of fire.

- **Protective equipment:** Wear self-contained respiratory protective device.

Wear fully protective suit.

6 Accidental release measures

- **Person-related safety**

precautions: Wear protective clothing.

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· Measures for environmental

protection: Do not allow to enter sewers/ surface or ground water.

· Measures for cleaning/

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

Remove from the water surface (e.g. skim or suck off).

· **Additional information:** No dangerous substances are released.

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and storage

· Handling:

· **Information for safe handling:** No special measures required.

Avoid the formation of oil haze.

· Information about fire - and

explosion protection: No special measures required.

· Storage:

· Requirements to be met by

storerooms and receptacles: Store only in the original receptacle.

· Information about storage in

one common storage facility: Not required.

· Further information about

storage conditions: Store in cool, dry conditions in well sealed receptacles.

8 Exposure controls/personal protection

· Additional information about

design of technical facilities: No further data; see item 7.

· Ingredients with limit values

that require monitoring at the

workplace: Oil mist: TWA = 5 mg/m³ ; STEL = 10 mg/m³

· **Additional information:** The lists valid during the making were used as basis.

· Personal protective equipment:

· General protective and

hygienic measures: Wash hands before breaks and at the end of work.

· **Respiratory protection:** Not required.

· **Protection of hands:** Oil resistant gloves

· **Material of gloves** The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Nitrile rubber, NBR

PVC gloves

Neoprene gloves

· Penetration time of glove

material The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:** Goggles recommended during refilling

· **Body protection:** Protective work clothing

9 Physical and chemical properties

· General Information

Form: Fluid

Colour: Green

Odour: Characteristic

· Change in condition

Melting point/Melting range: Undetermined.

Boiling point/Boiling range: Undetermined.

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· **Drip point:**

Pour point -25°C

· **Flash point:** > 101°C

· **Self-igniting:** Product is not selfigniting.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Density at 20°C:** 0.92 g/cm³

· **Solubility in / Miscibility with**

water: Not miscible or difficult to mix.

· **Viscosity at 40°C** 60,0 mm²/s

· **Solvent content:**

Organic solvents: 0.0 %

10 Stability and reactivity

· **Thermal decomposition /**

conditions to be avoided: To avoid thermal decomposition do not overheat.

· **Dangerous reactions** Reacts with strong oxidizing agents.

· **Dangerous decomposition**

products: No dangerous decomposition products known.

11 Toxicological information

· **Acute toxicity:**

· **Primary irritant effect:**

· **on the skin:** No irritant effect.

· **on the eye:** No irritating effect.

· **Sensitization:** No sensitizing effects known.

· **Additional toxicological**

information: The product is not subject to classification according to the calculation method of the General EU 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 to our experience and the information provided to us.

12 Ecological information

· **Information about elimination (persistence and degradability):**

· **Other information:** The product is difficultly biodegradable.

· **General notes:** Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

13 Disposal considerations

· **Product:**

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

· **European waste catalogue**

02 03 04 materials unsuitable for consumption or processing

· **Uncleaned packaging:**

· **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

· **Land transport ADR/RID (cross-border)**

· **ADR/RID class:** -

· **Maritime transport IMDG:**

· **IMDG Class:** -

· **Marine pollutant:** No

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Trade name: Bio-Chainlube

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

· **ICAO/IATA Class:** -

15 Regulatory information

· **Labelling according to EU**

guidelines: Observe the general safety regulations when handling chemicals.

The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).

· **National regulations:**

· **Waterhazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Department issuing MSDS:** Product safety department.

· **Contact:** Product safety department

· **Sources** 67/548/EEC - Dangerous Substances Directive

99/45/EEC - Dangerous Preparations Directive

91/155/EEC & 2001/58/EEC - Safety Data Sheets Directive