

EU Safety Data Sheet

BIKE SEMI BATH



Date of issue / Reference 25.11.2005 os

Replaces version of

Date of printing 05.12.2005 **Sheet No. 2002**

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Company BUCHER AG LANGENTHAL, MOTOREX-Schmiertechnik, CH-4901 Langenthal, Switzerland

1 Commercial product name and supplier

- 1.1 Commercial product name / Designation **BIKE SEMI BATH**
- 1.2 Application / Use Engine Oil
- 1.3 Producer BUCHER AG LANGENTHAL, MOTOREX-Schmiertechnik, CH-4901 Langenthal, Schweiz, T. +41 (0)62 919 7575
- 1.4 Supplier BUCHER AG LANGENTHAL, MOTOREX-Schmiertechnik, CH-4901 Langenthal, Schweiz, T. +41 (0)62 919 7575
- 1.5 TOX emergency number Toxicological Information Centre, CH-8028 Zurich, E-mail: info@toxi.ch, T. +41 (0)44 251 51 51
- 1.6 Product No.
-

2 Composition

- 2.1 Chemical characterization Esters
Polyolefins
Additives
- 2.2 Hazardous components Does not contain any dangerous substances according to the criteria of the EC (Council Directive 88/379/EEC).
- 2.3 Further information
-

3 **Hazards identification** No known hazard.

4 First aid measures

- 4.1 Eye contact Flush with plenty of water.
Consult a physician if irritation develops.
- 4.2 Skin contact Remove residues with soap and water.
Remove contaminated clothing immediately.
- 4.3 Ingestion Do not induce vomiting. Do not take in resorption stimulating agents.
Consult a physician who will decide on need and method of emptying the stomach.
- 4.4 Inhalation Take into fresh air.
If respiratory irritation is experienced, call a physician.

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4.5 Further information

5 Fire-fighting measures

- 5.1 Suitable extinguishing media Water fog, carbon dioxide, foam, dry chemicals.
- 5.2 Extinguishing media to avoid Do not use direct water stream.
- 5.3 Further information In case of fire carbon, sulphur and nitrogen oxides can be formed.
-

6 Accidental release measures

Do not wash into sewers or into any body of water.
Spills should be contained by, and covered with suitable absorbent material and removed for disposal.

7 Handling and storage

- 7.1 Handling Used oils (motor oils, gear oils, industrial oils) contain components causing skin cancer. Therefore, avoid skin contact by wearing protecting gloves. Carefully clean soiled parts of the skin with soap.
- 7.2 Industrial hygiene Follow safety precautions for handling of mineral oils.
- 7.3 Storage Follow regulations for storage of water hazing products.
- 7.4 Place of storage
- 7.5 Fire- and explosion-protection Do not heat above flash point.
-

8 Exposure controls / Personal protection

- 8.1 Technical measures No specific requirements.
- 8.2 Control of threshold limits None established for the mixture.
- 8.3 Personal protective equipment
- 8.3.1 Respiratory protection Good general ventilation should be sufficient for most conditions.
- 8.3.2 Hand protection Use impervious gloves when prolonged or frequently repeated contact could occur.
- 8.3.3 Eye protection If contact with the product is possible, an eye protector is recommended.
- 8.3.4 Other None.
-

9 Physical and chemical properties

- 9.1 Appearance liquid
- 9.2 Colour brown
- 9.3 Odour characteristic

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9.4 Change of physical state

Test method:

9.5 Density

0.857 g/cm³ (20°C)

ASTM D 4052

9.6 Vapour pressure

9.7 Viscosity

89 mm²/s (40°C)

DIN 51562-1

9.8 Solubility

in water

immiscible

9.9 pH

not applicable

9.10 Flash point

> 200 °C (1013 mbar)

DIN EN ISO 2592

9.11 Ignition temperature

9.12 Explosion limits

Lower:

Upper:

not explosive

9.13 Further information

10 Stability and reactivity

10.1 Thermal decomposition

Is stable under normal storage conditions.

10.2 Hazardous decomposition products

None under normal conditions of storage and use.

10.3 Hazardous reactions

No hazards known.

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10.4 Further information

11 Toxicological information

11.1 Acute toxicity No adverse effects anticipated by this route of exposure incidental to proper handling.
The estimated oral LD50 for rats is >2000 mg/kg.

11.2 Subacute / Chronic toxicity

11.3 Further information

12 Ecological information

German 'Wassergefährdungs Klasse (WGK)': 2

13 Disposal considerations

Comply with local and national regulations.

13.1 EU waste key 13 02 06 synthetic machine, gear and lubricating oils

14 Transport information

14.1 Transport at land ADR RID

UN Number
Packing Group
Proper shipping name
Kemler Number

14.2 Transport at sea ADNR IMDG

UN Number
EMS
Packing Group
Proper shipping name
MFAG

14.3 Air transport ICAO / IATA-DGR
UN Number
Packing Group
Proper shipping name

Passenger airplane Packing Instructions

max.

Cargo Airplane Packing Instructions

max.

14.4 Further information Product is not classified for any mode of transportation.

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15 Regulatory information

This product does not require classification according to the criteria of the EC and the "Gefahrstoffverordnung".

15.1 UN number

15.2 National regulations

15.3 EU number

15.4 Hazard symbols

15.5 Hazard designation

15.6 Risk phrases

15.7 Safety phrases

15.8 MAK value

15.9 BVD classification (CH) F41 Y2

15.10 VbF (D)

15.11 Further information

16 Other information

No other information.

The above mentioned data correspond to our present state of knowledge and experience. The safety data sheet serves as description of the products in regard to necessary safety measures. The indications do not have the meaning of guarantees on properties.