

EU Safety Data Sheet

Part# 36030002 1(L)
36030003 4(L)
GEAR OIL SAE 10W/30 (US Version)

MOTOREX
Oil of Switzerland

Date of issue / Reference	14.04.2003	os	
Replaces version of	03.12.2002	os	
Date of printing	24.04.2003	Sheet No. 1441	Page 1 of 5

Company	BUCHER AG LANGENTHAL, MOTOREX-Schmiertechnik, CH-4901 Langenthal
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1 Commercial product name and supplier

- | | | |
|-----|---------------------------------------|--|
| 1.1 | Commercial product name / Designation | GEAR OIL SAE 10W/30 (US Version) |
| 1.2 | Application / Use | Motor Oil |
| 1.3 | Producer | BUCHER AG LANGENTHAL, MOTOREX-Schmiertechnik, CH-4901 Langenthal
Telefon +41 (0)62 919 75 75, Fax +41 (0)62 919 75 95 |
| 1.4 | Supplier | BUCHER AG MOTOREX, Inc., dba: MOTOREX USA, 1932 Eastman Avenue, Suite 107, Ventura, CA 93003-5766
Tel. 805-658-0900 Fax: 805-658-0910 |
| 1.5 | TOX emergency number | Europe: + 41 (0)1 251 51 51 (Center of Toxicology Information, CH-8028 Zurich)
North America: |
| 1.6 | Product No. | |

2 Composition

- | | | |
|-----|---------------------------|---|
| 2.1 | Chemical characterization | Mineral oil, paraffinic (CAS# 8042-47-5)
Additives |
|-----|---------------------------|---|

- | | | |
|-----|----------------------|-------|
| 2.2 | Hazardous components | None. |
|-----|----------------------|-------|

- | | | |
|-----|---------------------|--|
| 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 contaminated clothing immediately.
Remove residues with soap and water. |
| 4.3 | Ingestion | Do not induce vomiting.
Do not take in resorption stimulating agents.
Consult physician.
Consult a physician who will decide on need and method of emptying the stomach. |

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4.4 Inhalation Take into fresh air.
If respiratory irritation is experienced, call a physician.

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 None known.

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 hazarding 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 None required.

8.3.2 Hand protection None required.

8.3.3 Eye protection - None required.

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

0.868 g/cm³ (20°C)

ISO 3675

9.6 Vapour pressure

9.7 Viscosity

75 mm²/s (40°C)

ISO 3104

9.8 Solubility

in water

immiscible

9.9 pH

not applicable

9.10 Flash point

>200 °C (1013 mbar)

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 05 non chlorinated machine, gear and lubricating oils based on mineral oil

14 Transport information

14.1 Transport at land

ADR

RID

UN Number

Kemler Number

Packing Group

Proper shipping name

14.2 Transport at sea

ADNR

IMDG

UN Number

EMS

MFAG

Packing Group

Proper shipping name

14.3 Air transport

ICAO / IATA-DGR

UN Number

Packing Group

Proper shipping name

Passenger airplane

Packing Instructions

Cargo Airplane

max.

Packing Instructions

max.

14.4 Further information

Product is not classified for any mode of transportation.

15 Regulatory information

This product does not require classification according to the criteria of the Commission of the European Communities (Council Directive

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67/548/EEC).

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.

This safety data sheet has been generated with the safety database 'ChemManager',
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