

EU Safety Data Sheet

SCOOTER GEAR OIL ZX SAE
80W/90 (US Version)



Date of issue / Reference

14.04.2003 os

Replaces version of

27.11.2002 os

Date of printing

24.04.2003 **Sheet No. 1442**

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Company

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

1 Commercial product name and supplier

1.1 Commercial product name /
Designation

**SCOOTER GEAR OIL ZX SAE 80W/90 (US
Version)**

1.2 Application / Use

Gear 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

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

Consult a physician if irritation develops.
Flush with plenty of water.

4.2 Skin contact

Remove residues with soap and water.
Remove contaminated clothing immediately.

4.3 Ingestion

Consult a physician who will decide on need and method of emptying
the stomach.
Do not induce vomiting.

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Do not take in resorption stimulating agents.
Consult physician.

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

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

Where contact with liquid is likely, safety glasses are recommended.

8.3.4 Other

None.

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9 Physical and chemical properties

9.1 Appearance liquid

9.2 Colour yellow to brown

9.3 Odour characteristic

9.4 Change of physical state Test method:

9.5 Density

0.895 g/cm³ (20°C)

ISO 3675

9.6 Vapour pressure

9.7 Viscosity

130 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

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10 Stability and reactivity

- | | | |
|------|----------------------------------|--|
| 10.1 | Thermal decomposition | Stable under normal handling and storage conditions. |
| 10.2 | Hazardous decomposition products | None under normal conditions of storage and use. |
| 10.3 | Hazardous reactions | No hazards known. |
| 10.4 | Further information | |

11 Toxicological information

- | | | |
|------|-----------------------------|---|
| 11.1 | Acute toxicity | The estimated oral LD50 for rats is >2000 mg/kg.
No adverse effects anticipated by this route of exposure incidental to proper handling. |
| 11.2 | Subacute / Chronic toxicity | |
| 11.3 | Further information | None. |

12 Ecological information

German 'Wassergefährdungs Klasse (WGK)': 2

13 Disposal considerations

Dispose of according to 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 | |

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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

15 Regulatory information

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