

# EU Safety Data Sheet

MOTOREX TOP SPEED 4T SAE  
15W/50



|                           |            |                       |           |             |
|---------------------------|------------|-----------------------|-----------|-------------|
| Date of issue / Reference | 02.03.2009 | mku                   |           |             |
| Replaces version of       | 04.05.2007 | mku                   |           |             |
| Date of printing          | 12.03.2009 | <b>Sheet No. 2467</b> | Version 1 | Page 1 of 5 |
|                           | Edited     |                       | Deleted   |             |

---

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

---

## 1 Commercial product name and supplier

- |     |                                       |   |
|-----|---------------------------------------|---|
| 1.1 | Commercial product name / Designation | <b>MOTOREX TOP SPEED 4T SAE 15W/50</b>  |
| 1.2 | Application / Use                     | Engine Oil  |
| 1.3 | Producer                              | BUCHER AG LANGENTHAL, MOTOREX-Schmiertechnik, CH-4901 Langenthal, Schweiz, T. +41 (0)62 919 7575<br>Auskunft zum Sicherheitsdatenblatt: msds@motorex.com<br>Importeur EU: MOTOREX Deutschland AG, Mathysstrasse 20, D-76133 Karlsruhe |
|     | Supplier                              | MOTOREX AG LANGENTHAL, Schmiertechnik, CH-4901 Langenthal, Schweiz, T. +41 (0)62 919 74 74  |
| 1.4 | TOX emergency number<br>Public        | Toxicological Information Centre, CH-8028 Zurich, E-mail: info@toxi.ch, T. +41 (0)44 251 51 51  |
| 1.5 | Product No.                           |   |

---

## 2 Hazards identification

No known hazard.

---

## 3 Composition

- |     |                           |   |
|-----|---------------------------|---|
| 3.1 | Chemical characterization | Paraffin oils<br>Additives  |
| 3.2 | Hazardous components      | Does not contain any dangerous substances according to the criteria of the EC (Council Directive 88/379/EEC).<br><br>ZnDTP<br>Xi: Irritant. N: Dangerous for the environment. R38: Irritating to skin. R41: Risk of serious damage to eyes. R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |
| 3.3 | Further information       |   |
- 

## 4 First aid measures

- |     |              |   |
|-----|--------------|---|
| 4.1 | Eye contact  | Flush with plenty of water.<br>Consult a physician if irritation develops.        |
| 4.2 | Skin contact | Remove contaminated clothing immediately.<br>Remove residues with soap and water. |
| 4.3 | Ingestion    | Consult a physician who will decide on need and method of                         |

# EU Safety Data Sheet

MOTOREX TOP SPEED 4T SAE  
15W/50



Date of issue / Reference

02.03.2009 mku

Replaces version of

04.05.2007 mku

Date of printing

12.03.2009 **Sheet No. 2467**

Version 1

Page 2 of 5

Edited

Deleted

emptying the stomach.  
Do not induce vomiting. Do not take in resorption stimulating agents.

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

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 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 Exposure controls

No specific requirements.

8.2 Exposure limit values

None established for the mixture.

8.3 Occupational exposure controls

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.

# EU Safety Data Sheet

MOTOREX TOP SPEED 4T SAE  
15W/50



|                           |            |                       |           |             |
|---------------------------|------------|-----------------------|-----------|-------------|
| Date of issue / Reference | 02.03.2009 | mku                   |           |             |
| Replaces version of       | 04.05.2007 | mku                   |           |             |
| Date of printing          | 12.03.2009 | <b>Sheet No. 2467</b> | Version 1 | Page 3 of 5 |
|                           | Edited     |                       | Deleted   |             |

8.3.4 Other None.

8.4 Environmental exposure controls

## 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  | 0.857 g/cm <sup>3</sup> (20°C)                                      | ASTM D 4052     |
| 9.6 Vapour pressure  |   |                 |
| 9.7 Viscosity  | 93.1 mm <sup>2</sup> /s (40°C)<br>14.365 mm <sup>2</sup> /s (100°C) | DIN 51562-1     |
| 9.8 Solubility<br>in water   | immiscible  |                 |
| 9.9 pH   | not applicable  |                 |
| 9.10 Flash point   | > 230 °C (1013 mbar)  | DIN EN ISO 2592 |
| 9.11 Ignition temperature  |   |                 |
| 9.12 Explosion limits  | Lower:<br>Upper:  |                 |
| 9.13 Further information<br>Part. coeff. n-octanol/water<br>Evaporat. rate |   |                 |

## 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 Conditions / materials to avoid  | No hazards known.                                |
| 10.4 Further information              |  |

# EU Safety Data Sheet

MOTOREX TOP SPEED 4T SAE  
15W/50



|                           |            |                       |           |             |
|---------------------------|------------|-----------------------|-----------|-------------|
| Date of issue / Reference | 02.03.2009 | mku                   |           |             |
| Replaces version of       | 04.05.2007 | mku                   |           |             |
| Date of printing          | 12.03.2009 | <b>Sheet No. 2467</b> | Version 1 | Page 4 of 5 |
|                           | Edited     |                       | Deleted   |             |

## 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

- 12.1 Ecotoxicity
- 12.2 Mobility
- 12.3 Persistence and degradability
- 12.4 Bioaccumulative potential
- 12.5 Further information Water Hazard Class (Germany): Class 2 (self assessment):  
hazardous for water.

## 13 Disposal considerations

- 13.1 EU/CH waste key Comply with local and national regulations.  
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 |      |
| Marine pollutant     |      |

# EU Safety Data Sheet

MOTOREX TOP SPEED 4T SAE  
15W/50



|                           |            |                       |           |             |
|---------------------------|------------|-----------------------|-----------|-------------|
| Date of issue / Reference | 02.03.2009 | mku                   |           |             |
| Replaces version of       | 04.05.2007 | mku                   |           |             |
| Date of printing          | 12.03.2009 | <b>Sheet No. 2467</b> | Version 1 | Page 5 of 5 |
|                           | Edited     |                       | Deleted   |             |

14.3 Air transport

|                    |                      |
|--------------------|----------------------|
|                    | ICAO / IATA-DGR      |
|                    | UN Number            |
|                    | Proper shipping name |
|                    | Subsidiary Risk      |
|                    | Labels               |
|                    | Packing Group        |
| Passenger airplane | Packing Instructions |
|                    | max.                 |
| Cargo Airplane     | 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 EC and the "Gefahrstoffverordnung".

15.1 UN number

15.2 National regulations

15.3 EINECS/ELINCS number

15.4 Hazard symbols

15.5 Hazard designation

Contains ZnDTP.

15.6 Risk phrases

15.7 Safety phrases

15.8 MAK value

15.9 BVD classification (CH)

F4 I 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.*