

EU Safety Data Sheet

CROSS POWER 4T SAE 10W60



Date of issue / Reference	05.11.2008	mku		
Replaces version of	06.12.2006	mku		
Date of printing	04.03.2009	Sheet No. 2147	Version 1	Page 1 of 5
	Edited		Deleted	

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

- | | | |
|-----|---------------------------------------|---|
| 1.1 | Commercial product name / Designation | CROSS POWER 4T SAE 10W60 |
| 1.2 | Application / Use | Engine Oil |
| 1.3 | Producer | BUCHER AG LANGENTHAL, MOTOREX-Schmiertechnik, CH-4901 Langenthal, Schweiz, T. +41 (0)62 919 7575
Auskunft zum Sicherheitsdatenblatt: msds@motorex.com
Importeur EU: MOTOREX Deutschland AG, Mathysstrasse 20, D-76133 Karlsruhe |
| | Supplier | BUCHER AG LANGENTHAL, MOTOREX-Schmiertechnik, CH-4901 Langenthal, Schweiz, T. +41 (0)62 919 7575 |
| 1.4 | TOX emergency number | |
| | 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 | Polyalphaolefins
Esters
Additives |
| 3.2 | Hazardous components | Does not contain any dangerous substances according to the criteria of the EC (Council Directive 88/379/EEC).

Alkylated phenol
Xn: Harmful. N: Dangerous for the environment. R38: Irritating to skin. R62: Possible risk of impaired fertility. R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

ZnDTP
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 | |
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4 First aid measures

- | | | |
|-----|-------------|--|
| 4.1 | Eye contact | Consult a physician if irritation develops.
Flush with plenty of water. |
|-----|-------------|--|

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Date of printing	04.03.2009	Sheet No. 2147	Version 1	Page 2 of 5
	Edited		Deleted	

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- | | | |
|-----|---------------------|--|
| 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. 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 | None known. |
| 5.3 | Further information | In case of fire carbon, sulphur and phosphorus 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 | None required. |
| 8.3.2 | Hand protection | Use impervious gloves when prolonged or frequently repeated |

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Date of printing	04.03.2009	Sheet No. 2147	Version 1	Page 3 of 5
	Edited		Deleted	

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.

8.4 Environmental exposure controls

9 Physical and chemical properties

9.1 Appearance liquid

9.2 Colour dark yellow

9.3 Odour characteristic

9.4 Change of physical state Test method:

9.5 Density 0.863 g/cm³ (20°C)

9.6 Vapour pressure < 0.1 hPa (20°C)

9.7 Viscosity 168.3 mm²/s (40°C)
24.2 mm²/s (100°C)

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
Part. coeff. n-octanol/water
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.

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	Edited		Deleted	

10.3 Conditions / materials to avoid No hazards known.

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

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

Comply with local and national regulations.

13.1 EU/CH 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
Packing Group
Proper shipping name

Kemler Number

14.2 Transport at sea

ADNR

IMDG

UN Number
EMS
Packing Group
Proper shipping name
Marine pollutant

MFAG

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	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

15.6 Risk phrases

15.7 Safety phrases

15.8 MAK value

15.9 BVD classification (CH) F4 1 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.