

# EU Safety Data Sheet

CROSS POWER 2T (US Version)

**MOTOREX**  
Oil of Switzerland

Date of issue / Reference

08.04.2003

os

Replaces version of

27.11.2002

os

Date of printing

24.04.2003

Sheet No. 1427

Page 1 of 5

Company

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

## 1 Commercial product name and supplier

1.1 Commercial product name /  
Designation

**CROSS POWER 2T (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

White Spirit  
Synthetic esters  
Polyolefins  
Additives

2.2 Hazardous components

CAS No. 64742-47-8

Components contributing to hazard:

10-30 % Aliphatic hydrocarbons, benzene < 0.1 %

Xn: Harmful. R65: Harmful: may cause lung damage if swallowed. R66: Repeated  
exposure may cause skin dryness or cracking.

2.3 Further information

None.

## 3 Hazards identification

No known hazard.

## 4 First aid measures

4.1 Eye contact

Flush with plenty of water.

4.2 Skin contact

Remove residues with soap and water.

4.3 Ingestion

Do not induce vomiting.  
Do not take in resorption stimulating agents.  
Consult physician.

4.4 Inhalation

Take into fresh air.

# EU Safety Data Sheet

CROSS POWER 2T (US Version)



Date of issue / Reference

08.04.2003 os

Replaces version of

27.11.2002 os

Date of printing

24.04.2003 **Sheet No. 1427**

Page 2 of 5

4.5 Further information

None.

## 5 Fire-fighting measures

5.1 Suitable extinguishing media

Carbon dioxide, dry chemical and protein based foam.

5.2 Extinguishing media to avoid

DO NOT USE WATER JET.

5.3 Further information

In case of fire carbon, sulphur and nitrogen oxides can be formed.

## 6 Accidental release measures

Spills should be contained by, and covered with suitable absorbent material and removed for disposal.

## 7 Handling and storage

7.1 Handling

Vapours of this product are heavier than air and will collect in low areas such as pits, storage tanks, and other confined areas.  
Ventilate area.

7.2 Industrial hygiene

Avoid breathing mists.  
Follow safety precautions for handling of solvents.

7.3 Storage

Store in cool, dry well ventilated area away from sources of ignition and heat.

7.4 Place of storage

7.5 Fire- and explosion-protection

Keep away from heat source.

## 8 Exposure controls / Personal protection

8.1 Technical measures

Good general ventilation should be sufficient for most processing operations.

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

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

red

9.3 Odour

characteristic

## EU Safety Data Sheet

CROSS POWER 2T (US Version)



Date of issue / Reference 08.04.2003 os  
Replaces version of 27.11.2002 os  
Date of printing 24.04.2003 Sheet No. 1427

Page 3 of 5

---

9.4 Change of physical state Test method:

Boiling point 200 °C

Pour point/range: -45 °C

9.5 Density

0.872 g/cm<sup>3</sup> (20°C)

ISO 3675

9.6 Vapour pressure

9.7 Viscosity

60 mm<sup>2</sup>/s (40°C)

ISO 3104

9.8 Solubility

in water

immiscible

9.9 pH

not applicable

9.10 Flash point

110 °C (1013 mbar)

ISO 2719

9.11 Ignition temperature

>200 °C

9.12 Explosion limits

Lower: 0,6 Vol%  
Upper: 6,5 Vol% ((1013 mbar))

9.13 Further information

None.

---

10 Stability and reactivity

10.1 Thermal decomposition

Stable under normal handling and storage conditions.

10.2 Hazardous decomposition products

Non, when used in accordance with regulations.

10.3 Hazardous reactions

No hazards known.

# EU Safety Data Sheet

CROSS POWER 2T (US Version)



Date of issue / Reference

08.04.2003 os

Replaces version of

27.11.2002 os

Date of printing

24.04.2003 Sheet No. 1427

Page 4 of 5

10.4 Further information

None.

## 11 Toxicological information

11.1 Acute toxicity

The oral LD50 for rats is >2000 mg/kg.

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

Kernler 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

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 Commission of the European Communities (Council Directive 67/548/EEC).

15.1 UN number

## EU Safety Data Sheet

CROSS POWER 2T (US Version)



Date of issue / Reference	08.04.2003	os
Replaces version of	27.11.2002	os
Date of printing	24.04.2003	Sheet No. 1427

Page 5 of 5

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) F31 Y2

15.10 VbF (D)

15.11 Further information None.

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',  
© ASSiST Applied Software Solutions in Science and Technology AG, Weiherweg 3, CH-4104 Oberwil, Switzerland

91/155/EEC