

PRODUCT / SAFETY DATA SHEET

According to Regulation (EC) No 1907/2006 - REACH and 1272/2008 - CLP

1 Identification of the substance/preparation and of the company/undertaking

1.1 Identification of the substance or preparation

Product Name : **MALOSSI 7.1 RBX-RACING**

1.2 Use of the substance/preparation : *brake fluid for hydraulic circuits*

1.3 Company/undertaking identification

Name of Supplier : *Fuchs Lubrificanti S.p.A.*
Address✉ : *Via Riva n°16 – 14021- Buttigliera d'Asti(AT)- Italia*
Telephone☎ : *+39 (0) 11 99 22 811*
Fax☎ : *+39 (0)11 99 21 670*

e-mail @ : maria.montanaro@fuchslubrificanti.it

1.4 Emergency telephone :

Fuchs Lubrificanti : +39 (0)11 99 22 811

2 Hazard identification

Substance/Preparation classification (according to 67/548/EEC and/or 1999/45/EC):

The product is classified as dangerous according to Directive 1999/45/EC.

Most important adverse physicochemical, human health and environmental effects and symptoms relating to the uses :

- For human: irritating to eyes (for further information look at §11).
- For environment: it can be water and/or ground polluting (for further information look at §12)

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3 Composition / Information on ingredients

Composition: glycols, polyethyleneglycolether, stabilizing agents mixture.

Dangerous substances:

The preparation contains dangerous substances for human and/or for environment

<u>Name</u>	<u>%</u>	<u>CAS n°</u>	<u>EINECS n°</u>	<u>Symbol</u>	<u>R phrases (*)</u>	<u>TLV</u>
Butyl triglycol	>50	9004-77-7	-	Xi	36	-
Acid boric ester	< 10	71035-05-7	-	Xn	22	-

(*) for full text of each relevant R phrase see §16.

4 First aid measures

First-aid measures in case of:

- Inhalation : supply fresh air; consult doctor in case of symptoms.
- Skin contact: change clothes and shoes contaminated or soaked by the product. Wash with fresh water. Seek medical advice in case of symptoms.
- Eyes contact: rinse opened eye for several minutes under running water. Seek medical advice in case of symptoms.
- Ingestion : seek medical attention. Drink plenty of water.

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5 Fire fighting measures

The preparation doesn't fall into the classes of flammability or explosion hazard.

However, in case of fire:

Suitable extinguishing media

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

For safety reasons unsuitable extinguishing agents:

Not point out.

Combustion products:

Carbon oxide (TLV-TWA: 25 ppm) and nitrogen oxide (TLV-TWA : 3 ppm).

Special protective equipment for fire-fighters.

Wear self-contained respiratory protective device. Wear fully protective suit.

6 Accidental release measures

Person-related safety precautions : avoid contact with the skin, eyes and clothes.

Measures for environmental protection : avoid spreading in to sewerage and/or watercourse

Measures for cleaning / collecting : absorb with liquid-binding material (sand, sawing or land).
Wash down floor area with large quantities of water. (See §8 and §3).

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7 Handling and storage

7.1 Handling

Information for safe handling: avoid direct contact all through decanting. Provide appropriate ventilation. Keep out of sparks, flames and electrostatic charges.

7.2 Storage

Conditions for safe storage: store in vertical position and in covered and airy room. Preferably store in the original packaging, if not, copy all the EEC labelling information on new packaging.

7.3 Specific use(s):

Not point out.

8 Exposure controls / personal protection

8.1 Exposure limit values

<u>Nome chimico</u>	<u>Norma di riferimento</u>	<u>TWA/VLE8h</u>		<u>STEL/VLE 15'</u>		<u>Ceiling/ MAK</u>	
		mg/m3	ppm	mg/m3	ppm	mg/m3	ppm
-	-	-	-	-	-	-	-

8.2 Exposure controls

Use the product only for the application descript on Safety data sheet or Technical Sheet

8.2.1 Occupational exposure controls

- a) Respiratory protection : not necessary if room is well-ventilated. Ensure an adequate ventilation, if necessary, by aspiration of the vapours at the point of emission.
- b) Hand protection : suitable chemical resistant gloves (EN 374).
- c) Eye protection : safety glasses (EN 166)
- d) Skin protection : protective work clothing.

8.2.2 Environmental exposure controls

Avoid to release the product into the environment

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9 Physical and chemical properties

9.1 General information^(*)

Physical state	Liquid
Colour	Yellow
Odour	Characteristics

9.2 Important health, safety and environmental information^(*)

pH	7.5-9.0
Boiling point/boiling range	> 260°C
Flash point DIN 51376	< 130°C
Explosive properties	Low 1.5%v
Oxidising properties	Not point out
Vapour pressure(20°C)	< 1 mbar
Density at 20°C	1.055-1.075 g/ml
Water solubility	Soluble
Viscosity at 20°C	15-17.5 mm²/s

9.3 Other information^(*)

Melting point/melting range DIN 51583	< -70°C
Miscibility	Not available
Conductivity	Not available
Ignition temperature DIN 51794	> 200°C

(*)for additional information see Technical Data Sheet

10 Stability and reactivity

10.1 Conditions to avoid : not point out

10.2 Materials to avoid : not point out

10.3 Hazardous decomposition products : not point out

- Stabilizers: not request if stored and handled as prescribed/indicated.
- Exothermic reaction: not point out
- Change in physical appearance: light variation of the color not impair the characteristic and the functionality of the preparation.
- Hazardous decomposition products formed upon contact with water: not point out
- Degradation to unstable products: not point out

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11 Toxicological information

- LD 50 (oral rat) mg/Kg : > 2000
- LC 50 (inhalation rat) mg/l/4ore : data not available
- LD 50 (absorption skin rat) mg/Kg : > 4000

Harmful effects due to exposition to preparation.

- inhalation : inhalation of mists and vapours may give rise to respiratory irritation and may cause drowsiness and dizziness.
- ingestion : accidental ingestion and subsequent vomiting can cause dangers to digestive system and pulmonary sickness.
- contact with skin : generally not irritant; frequent and/or prolonged contact may give rise to skin irritation and/or dermatitis.
- contact with eyes : irritating to eyes

Delayed or prompt effect due to long or short exposition.

- sensitisation : no effect known
- carcinogenity : no effect known
- mutagenicity : no effect known
- toxicity for reproduction : no effect known
- teratogen : no effect known
- narcotic : no effect known

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12 Ecological information

12.1 Ecotoxicity

- aquatic life : CL 50 96h (fish) > 500 mg/l
- daphnia : -
- flora and fauna : -

12.2 Mobility

-

12.3 Persistence and degradability

Elimination degree : >70% (21 d); easily biodegradable. DOC:490 mg/g; COD : 1704 mg/g

12.4 Bioaccumulative potential

-

12.5 Results of PBT assessment

no data available

12.6 Other adverse effects

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13 Disposal consideration

Dispose of product and container carefully and responsibly. Do not allow to contaminate ground, watercourses or drains.

To dispose of burnt product in according with local regulation

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14 Transport information

Transport classification : not classified as hazardous for transport.

- **LAND TRANSPORT (RID 96/49/EC-ADR 94/55/EC)**

RID/ADR CLASS : -

NUMBER / LETTER : -

LEBEL : -

KEMLER NUMBER : -

DESIGNATION OF GOOD : -

TREMCARD : -

- **MARITIME TRANSPORT (IMO/ IMDG)**

IMDG / IMO CLASS : -

UN NUMBER : -

EMS NUMBER : -

MFAG NUMBER : -

MARINE POLLUTANT : -

PACKAGING GROUP : -

CORRECT TECHNICAL NAME : -

- **AIR TRANSPORT**

ICAO/IATA CLASS : -

UN NUMBER : -

CORRECT TECHNICAL NAME : -

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15 Regulatory information

Label according to Directives 67/548/EEC and/or 1999/45/EC.

<u>Contains :</u>	:	-
<u>Classification symbol</u>	:	Xi = irritant
<u>Risk phrases</u>	:	R36 = irritating to eyes
<u>Safety phrases</u>	:	S25 = avoid contact with eyes S26 = in case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

16 Other information

- The information described the product for the safety. Keep, transport and use according to safety and hygienic normative.
- Comply according to local regulation (67/548/CE; 1999/45/CE; Reach and CLP Regulation)
- This information is based on our present knowledge.
- List of relevant R phrases (§3):
 - R36 = Irritating to eyes
 - R22 = harmful if swallowed
- Information, which has been added, deleted or revised: §7; §12; §13;