

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 RX 4T SAE 10W-50

1.2 Use of the substance/preparation : engine oil

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 preparation is not 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: the product contains calcium long chain alkylaryl sulfonate : may cause an allergic reaction (for further information look at §11).
- For environment: Therefore can be water and/or ground polluting (for further information look at §12).

PRODUCT / SAFETY DATA SHEET

MALOSSI 7.1 RX 4T SAE 10W-50

3 Composition / Information on ingredients

Composition: highly refined mineral base oils, additives.

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>
Highly refined mineral base oil (**)	70-100	64742-58-1 101316-73-8	265-161-3 309-878-2	-	-	TWA : 5 mg/m ³
Polyolefin polyamine succinimide, polyol	2.5-3.5	Polymer	-	-	53	-
Calcium, branched chain, alkyl phenate sulfide	1.0-2.0	90480-91-4	291-829-9	-	53	
Zinc alkyl dithiophosphate	1.5-2.5	68649-42-3	272-028-3	Xi, N	41-51/53	
Calcium long chain alkylaryl sulfonate	0.1-0.9	68610-84-4 90194-27-7	271-877-7 290-636-7	Xi	43-53	

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

(**) substances for which there are Community workplace exposure limits.

4 First aid measures

First-aid measures in case of:

- Inhalation: supply fresh air; if effects persist seek medical advice.
- Skin contact: change clothes and shoes contaminated or soaked by the product. Wash with fresh water. Seek medical advice in case of persistent symptoms.
- Eyes contact: rinse opened eye for several minutes under running water. Seek medical advice in case of persistent symptoms.
- Ingestion: do not induce vomiting; instantly call for medical help.

PRODUCT / SAFETY DATA SHEET
MALOSI 7.1 RX 4T SAE 10W-50

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:

Water with full jet.

Combustion products:

Carbon oxide (TLV-TWA: 25 ppm), sulphur oxide (TLV-TWA : 2 ppm), nitrogen oxide (TLV-TWA: 3 ppm) and hydrogen sulfide (TLV-TWA : 10 ppm; TLV-STEL : 15 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).

PRODUCT / SAFETY DATA SHEET
MALOSI 7.1 RX 4T SAE 10W-50

7 Handling and storage

7.1 Handling

Information for safe handling: avoid direct contact all through decanting.

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. Use only mineral oil resistant seals.

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/m ³	ppm	mg/m ³	ppm	mg/m ³	ppm
Mineral oils	ACGIH	5	-	10	-	-	-

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 : the use of gloves or suitable barrier creams is recommended where prolonged and repeated contact with the product is inevitable. The glove material has to be impermeable and resistant to the preparation.
- c) Eye protection : safety glasses/safety goggles/face shield recommended where operation may cause splash in to eyes.
- d) Skin protection : protective work clothing.

8.2.2 Environmental exposure controls

Data not available

PRODUCT / SAFETY DATA SHEET
MALOSI 7.1 RX 4T SAE 10W-50

9 Physical and chemical properties

9.1 General information^(*)

Physical state	Liquid
Colour	Yellow/Brown
Odour	Characteristics

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

pH	Non applicable
Boiling point/boiling range	Not available
Flash point	Not available
Explosive properties	Not point out
Oxidising properties	Not point out
Vapour pressure	Not available
Density at 20°C	Not available
Water solubility	Insoluble
Viscosity at 100°C	19 mm ² /s

9.3 Other information^(*)

Pour point	Not available
Miscibility	Main organic solvents
Conductivity	Non applicable
Auto-ignition temperature	Not available
% VOC (1999/13/EC)	-

(*)for additional information see Technical Data Sheet

10 Stability and reactivity

10.1 Conditions to avoid : high temperatures

10.2 Materials to avoid : strong oxidizing agents

10.3 Hazardous decomposition products : hydrogen sulphide

- Stabilizers: not request
- Exothermic reactions: 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

PRODUCT / SAFETY DATA SHEET
MALOSI 7.1 RX 4T SAE 10W-50

11 Toxicological information

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

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 : contact with eyes may cause irritation but no serious damages of ocular tissue.

Delayed or prompt effect due to long or short exposition.

- sensitisation : the product contains calcium long chain alkaryl sulfonate : may cause an allergic reaction
- carcinogenity. : no effect known
- mutagenicity : no effect known
- toxicity for reproduction : no effect known
- teratogen : no effect known
- narcotic : no effect known

PRODUCT / SAFETY DATA SHEET
MALOSI 7.1 RX 4T SAE 10W-50

12 Ecological information

Degradability (of preparation)

The product is not biodegradable.

Information concerning the harmful for the environment. The product contains harmful environment materials : Zinc alkyl dithiophosphate 1.5-2.5%, calcium long chain alkylaryl sulfonate 0.1-0.9%, calcium, branched chain, alkyl phenate sulfide 1.0-2.0% and polyolefin polyamine succinimide, polyol 2.5-3.5%.

12.1 Ecotoxicity

- aquatic life : not available
- daphnia : not available
- flora and fauna : not available

12.2 Mobility

not available

12.3 Persistence and degradability

not available

12.4 Bioaccumulative potential

not available

12.5 Results of PBT assessment

Data not available

12.6 Other adverse effects

not available

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

PRODUCT / SAFETY DATA SHEET
MALOSSI 7.1 RX 4T SAE 10W-50

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 : -
TREM CARD : -

• **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 : -

PRODUCT / SAFETY DATA SHEET
MALOSI 7.1 RX 4T SAE 10W-50

15 Regulatory information

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

<u>Contains</u>	:	-
<u>Classification symbol</u>	:	not classified.
<u>Risk phrases</u>	:	not classified.
<u>Safety phrases</u>	:	not classified.

SPECIAL PROVISIONS CONCERNING THE LABELLING OF CERTAIN PREPARATIONS:

Contains calcium long chain alkaryl sulfonate : may cause an allergic reaction

16 Other information

- The information described the product for the safety. Keep, transport and use according to safety and hygienic normative.
- Base oils : DMSO < 3 % (IP 346)(note L)
- 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):
 - R41 = Risk of serious damage to eyes
 - R43 = May cause sensitization by skin contact
 - R51/53 = Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
 - R53 = May cause long-term adverse effects in the aquatic environment
- Information, which has been added, deleted or revised: §7; §12; §13; §16.