

Material Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : KORASILON ÖI M 30.000
Article number : 1400-99
Revision date : 20.12.2012 Version (Revision) : 4.0.0 (3.0.0)
Date of print : 20.12.2012

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

KORASILON ÖI M 30.000 (1400-99)

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses

Surface treatment, assembling aid, release agent, Damperfluid

Uses advised against

None known.

1.3 Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor)

Kurt Obermeier GmbH & Co. KG
Spezialchemikalien Holzschutz

Street : Berghäuser Str. 70

Postal code/city : 57319 Bad Berleburg

Telephone : 0049 (0) 2751/524-0

Telefax : 0049 (0) 2751/5041

Information contact : E-Mail: sdb@obermeier.de

1.4 Emergency Telephone Number

+49 2751/524-113 und +49 179/6910027 (Mo-Fr 08:00-16:00 / 8.00am-4.00pm)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Directive 67/548/EEC or 1999/45/EC

None

2.2 Label elements

None

2.3 Other hazards

None

SECTION 3: Composition/ information on ingredients

3.2 Mixtures

Hazardous ingredients

None

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

Change contaminated, saturated clothing.

After inhalation

Provide fresh air. When in doubt or if symptoms are observed, get medical advice.

In case of skin contact

Wash immediately with: Water and soap.

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After eye contact

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

After ingestion

Do not induce vomiting. Rinse mouth thoroughly with water.

Information to physician

Treatment

Treat symptomatically.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

None

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Carbon dioxide (CO₂). Foam. Water spray jet

Unsuitable extinguishing media

Not known.

5.2 Special hazards arising from the substance or mixture

Not known.

5.3 Advice for firefighters

Special protective equipment for firefighters

In case of fire: Wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Light protective clothing.

6.2 Environmental precautions

Do not allow to enter into surface water or drains.

6.3 Methods and material for containment and cleaning up

None

6.4 Reference to other sections

None

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Wear personal protection equipment. (see chapter 8). Avoid contact with skin and eyes.

7.2 Conditions for safe storage, including any incompatibilities

Hints on joint storage

Storage class (TRGS 510) : 12

Further information on storage conditions

Keep/Store only in original container. Keep container tightly closed.

7.3 Specific end use(s)

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None

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

None

8.2 Exposure controls

Personal protection equipment

Eye / face protection

Eye glasses with side protection

Skin protection

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Respiratory protection

Usually no personal respirative protection necessary.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state : liquid

Colour : Different according to colour

Odour

light.

Safety relevant basis data

Melting point / melting range :	<	-40	°C	
Boiling temperature / boiling range :	>	300	°C	
Flash point :	>	300	°C	ISO 2592
Vapour pressure : (20 °C)	ca.	1,3	hPa	
Density : (25 °C)	ca.	0,97	g/cm ³	
Solubility in water		Insoluble		
pH value : (20 °C)		No data available		
Kinematic viscosity (25 °C)	ca.	30000	mm ² /s	

9.2 Other information

None

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reactions known.

10.2 Chemical stability

When using the recommended storage and handling conditions (see Section 7).

10.3 Possibility of hazardous reactions

No dangerous reactions known.

10.4 Conditions to avoid

None known.

10.5 Incompatible materials

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None known.

10.6 Hazardous decomposition products

At temperatures higher than 150°C and in the presence of air formaldehyd can be generated in small amounts.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

According to current knowledge, polydimethylsiloxanes are not physiologically a problem; but contact with eyes can cause short time, harmless, reversible blurred vision, due to the formation of an oil film on the eye.

Acute effects

Acute oral toxicity

Parameter : LD50 (POLYDIMETHYLSILOXANE)
Exposure route : Oral
Species : Rat
Effective dose : > 5000 mg/kg

Acute dermal toxicity

Parameter : LD50 (POLYDIMETHYLSILOXANE)
Exposure route : Dermal
Species : Rabbit
Effective dose : > 10000 mg/kg

Acute inhalation toxicity

Parameter : LC50 (POLYDIMETHYLSILOXANE)
Exposure route : Inhalation
Species : Rat
Effective dose : > 535 mg/kg
Exposure time : 1 h

Irritant and corrosive effects

Primary irritation to the skin

Not an irritant.

Irritation to eyes

Not an irritant.

Sensitisation

not sensitising.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity

Acute (short-term) fish toxicity

Parameter : LC0 (POLYDIMETHYLSILOXANE)
Species : Leuciscus idus (golden orfe)
Evaluation parameter : Acute (short-term) fish toxicity
Effective dose : 200 mg/l
Exposure time : 96 h

Bacteria toxicity

Parameter : EC0 (POLYDIMETHYLSILOXANE)
Species : Pseudomonas putida
Effective dose : > 10000 mg/l

Effects in sewage plants

Technically correct releases of minimal concentrations to adapted biological sewage plants, will not disturb the biodegradability of activated sludge.

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12.2 Persistence and degradability

Abiotic degradation

The product can be eliminated from water by abiotic processes, e.g. adsorption on activated sludge.

Biodegradation

Not readily biodegradable (according to OECD criteria).

12.3 Bioaccumulative potential

No indication of bioaccumulation potential.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

No information available.

12.6 Other adverse effects

No information available.

12.7 Further ecological information

Additional information

No special environmental measures are necessary.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

SECTION 14: Transport information

14.1 UN number

No dangerous goods in sense of this transport regulation.

14.2 UN proper shipping name

No dangerous goods in sense of this transport regulation.

14.3 Transport hazard class(es)

No dangerous goods in sense of this transport regulation.

14.4 Packing group

No dangerous goods in sense of this transport regulation.

14.5 Environmental hazards

No dangerous goods in sense of this transport regulation.

14.6 Special precautions for user

None

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations

Water hazard class (WGK)

Class : 1 (Slightly hazardous to water) Classification according to VwVwS

Additional information

Substance/product listed in the following inventories

TSCA AICS ENCS (Class 1 and 2) KECL DSL/NDL PICCS IECSC EINECS/ELINCS

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15.2 Chemical safety assessment

No information available.

SECTION 16: Other information

16.1 Indication of changes

07. Hints on joint storage - Storage class · 08. Occupational exposure limit values

16.2 Abbreviations and acronyms

Not known.

16.3 Key literature references and sources for data

None

16.4 Classification for mixtures and used evaluation method according to regulation (EC) 1207/2008 [CLP]

Classification according to Regulation (EC) No. 1272/2008 [CLP]

None

16.5 Relevant R-, H- and EUH-phrases (Number and full text)

None

16.6 Training advice

None

16.7 Additional information

None

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.
