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

Trade name :	KORASILON Paste M-S 2-300		
Article number :	8000044-99		
Revision date :	15.10.2019	**Version (Revision) :**	1.6.0 (1.5.0)
Print date :	15.10.2019		

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

1.1 Product identifier
KORASILON Paste M-S 2-300 (8000044-99)

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
No information available.

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 : +492751/524-0

Telefax : +492751/5041

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

1.4 Emergency telephone number
+49 / (0)700 24112112 (KOR)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture
Classification according to Regulation (EC) No 1272/2008 [CLP]
None

Classification procedure

Calculation method.

2.2 Label elements
Labelling according to Regulation (EC) No. 1272/2008 [CLP]
Special rules for supplemental label elements for certain mixtures

EUH210 Safety data sheet available on request.

2.3 Other hazards
No information available.

SECTION 3: Composition/information on ingredients

3.2 Mixtures
Hazardous ingredients

Dodecamethylcyclohexasiloxane ; REACH No. : 01-2119517435-42 ; EC No. : 208-762-8; CAS No. : 540-97-6

Weight fraction : < 1 %

Classification 1272/2008 [CLP] : None

Decamethylcyclopentasiloxane ; REACH No. : 01-2119511367-43 ; EC No. : 208-764-9; CAS No. : 541-02-6

Weight fraction : < 1 %

Classification 1272/2008 [CLP] : None

Octamethylcyclotetrasiloxane ; REACH No. : 01-2119529238-36 ; EC No. : 209-136-7; CAS No. : 556-67-2

Weight fraction : < 1 %
Classification 1272/2008 [CLP] : Flam. Liq. 3 ; H226 Repr. 2 ; H361f Aquatic Chronic 4 ; H413

Further ingredients

Polydimethylsiloxane

This mixture contains the following substances of very high concern (SVHC) which are included in the Candidate List according to Article 59 of REACH

Dodecamethylcyclohexasiloxane ; REACH No. : 01-2119517435-42 ; EC No. : 208-762-8; CAS No. : 540-97-6

Decamethylcyclopentasiloxane ; REACH No. : 01-2119511367-43 ; EC No. : 208-764-9; CAS No. : 541-02-6

Octamethylcyclotetrasiloxane ; REACH No. : 01-2119529238-36 ; EC No. : 209-136-7; CAS No. : 556-67-2

Additional information

Full text of H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

Change contaminated, saturated clothing. When in doubt or if symptoms are observed, get medical advice.

Following inhalation

Provide fresh air.

In case of skin contact

After contact with skin, wash immediately with plenty of water and soap.

After eye contact

Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist.

After ingestion

Do NOT induce vomiting. Rinse mouth thoroughly with water.

Self-protection of the first aider

No special measures are necessary.

Notes for the doctor

Special 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) alcohol resistant foam Water spray jet Extinguishing powder Sand

Unsuitable extinguishing media

Full water jet

5.2 Special hazards arising from the substance or mixture

No information available.

5.3 Advice for firefighters

In case of fire toxic gases may be formed.

Special protective equipment for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

5.4 Additional information

None

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Take the precautions customary when handling chemicals. Use personal protection equipment. Special danger of slipping by leaking/spilling product.

6.2 Environmental precautions

Do not allow to enter into surface water or drains. Prevent spread over a wide area (e.g. by containment or oil barriers).

6.3 Methods and material for containment and cleaning up

For cleaning up

Take up mechanically. Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

6.4 Reference to other sections

None

6.5 Additional information

No data available

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Avoid contact with skin and eyes.

Protective measures

Use only in well-ventilated areas. Do not breathe gas/fumes/vapour/spray.

Measures to prevent fire

Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges.

Measures to prevent aerosol and dust generation

Vapours/aerosols must be exhausted directly at the point of origin.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep/Store only in original container.

Hints on joint storage

Storage class (TRGS 510) : 10

Further information on storage conditions

Protect containers against damage.

Maximum storage temperature : 50°C

7.3 Specific end use(s)

None

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

Does not contain substances above concentration limits fixing an occupational exposure limit.

Biological limit values

No data available

DNEL-/PNEC-values

DNEL/DMEL

Limit value type :	DNEL Consumer (local) (Decamethylcyclopentasiloxane ; CAS No. : 541-02-6)
Exposure route :	Inhalation
Exposure frequency :	Short-term
Limit value :	4,3 mg/m³
Limit value type :	DNEL Consumer (local) (Decamethylcyclopentasiloxane ; CAS No. : 541-02-6)
Exposure route :	Inhalation
Exposure frequency :	Long-term
Limit value :	4,3 mg/m³
Limit value type :	DNEL Consumer (local) (Octamethylcyclotetrasiloxane ; CAS No. : 556-67-2)
Exposure route :	Inhalation
Exposure frequency :	Short-term
Limit value :	13 mg/m³
Limit value type :	DNEL Consumer (local) (Octamethylcyclotetrasiloxane ; CAS No. : 556-67-2)
Exposure route :	Inhalation
Exposure frequency :	Long-term
Limit value :	13 mg/m³
Limit value type :	DNEL Consumer (systemic) (Octamethylcyclotetrasiloxane ; CAS No. : 556-67-2)
Exposure route :	Inhalation
Exposure frequency :	Short-term
Limit value :	13 mg/m³
Limit value type :	DNEL Consumer (systemic) (Decamethylcyclopentasiloxane ; CAS No. : 541-02-6)
Exposure route :	Inhalation
Exposure frequency :	Short-term
Limit value :	17,3 mg/m³
Limit value type :	DNEL Consumer (systemic) (Decamethylcyclopentasiloxane ; CAS No. : 541-02-6)
Exposure route :	Oral
Exposure frequency :	Short-term
Limit value :	5 mg/kg/day
Limit value type :	DNEL Consumer (systemic) (Octamethylcyclotetrasiloxane ; CAS No. : 556-67-2)
Exposure route :	Inhalation
Exposure frequency :	Long-term
Limit value :	13 mg/m³
Limit value type :	DNEL Consumer (systemic) (Decamethylcyclopentasiloxane ; CAS No. : 541-02-6)
Exposure route :	Inhalation
Exposure frequency :	Long-term
Limit value :	17,3 mg/m³
Limit value type :	DNEL Consumer (systemic) (Decamethylcyclopentasiloxane ; CAS No. : 541-02-6)
Exposure route :	Oral
Exposure frequency :	Long-term
Limit value :	5 mg/kg/day
Limit value type :	DNEL Consumer (systemic) (Octamethylcyclotetrasiloxane ; CAS No. : 556-67-2)
Exposure route :	Oral
Exposure frequency :	Short-term
Limit value :	3,7 mg/kg/day
Limit value type :	DNEL Consumer (systemic) (Octamethylcyclotetrasiloxane ; CAS No. : 556-67-2)
Exposure route :	Oral
Exposure frequency :	Long-term
Limit value :	3,7 mg/kg/day

Limit value type :	DNEL worker (local) (Octamethylcyclotetrasiloxane ; CAS No. : 556-67-2)
Exposure route :	Inhalation
Exposure frequency :	Short-term
Limit value :	73 mg/m³
Limit value type :	DNEL worker (local) (Decamethylcyclopentasiloxane ; CAS No. : 541-02-6)
Exposure route :	Inhalation
Exposure frequency :	Short-term
Limit value :	24,2 mg/m³
Limit value type :	DNEL worker (local) (Decamethylcyclopentasiloxane ; CAS No. : 541-02-6)
Exposure route :	Inhalation
Exposure frequency :	Long-term
Limit value :	24,2 mg/m³
Limit value type :	DNEL worker (local) (Octamethylcyclotetrasiloxane ; CAS No. : 556-67-2)
Exposure route :	Inhalation
Exposure frequency :	Long-term
Limit value :	73 mg/m³
Limit value type :	DNEL worker (systemic) (Octamethylcyclotetrasiloxane ; CAS No. : 556-67-2)
Exposure route :	Inhalation
Exposure frequency :	Short-term
Limit value :	73 mg/m³
Limit value type :	DNEL worker (systemic) (Decamethylcyclopentasiloxane ; CAS No. : 541-02-6)
Exposure route :	Inhalation
Exposure frequency :	Short-term
Limit value :	97,3 mg/m³
Limit value type :	DNEL worker (systemic) (Decamethylcyclopentasiloxane ; CAS No. : 541-02-6)
Exposure route :	Inhalation
Exposure frequency :	Long-term
Limit value :	97,3 mg/m³
Limit value type :	DNEL worker (systemic) (Octamethylcyclotetrasiloxane ; CAS No. : 556-67-2)
Exposure route :	Inhalation
Exposure frequency :	Long-term
Limit value :	73 mg/m³

PNEC

Limit value type :	PNEC (Aquatic, freshwater) (Decamethylcyclopentasiloxane ; CAS No. : 541-02-6)
Limit value :	> 0,0012 mg/l
Limit value type :	PNEC (Aquatic, freshwater) (Octamethylcyclotetrasiloxane ; CAS No. : 556-67-2)
Limit value :	0,00044 mg/l
Limit value type :	PNEC (Aquatic, marine water) (Octamethylcyclotetrasiloxane ; CAS No. : 556-67-2)
Limit value :	0,00004 mg/l
Limit value type :	PNEC (Aquatic, marine water) (Decamethylcyclopentasiloxane ; CAS No. : 541-02-6)
Limit value :	> 0,00012 mg/l
Limit value type :	PNEC (Sediment, freshwater) (Decamethylcyclopentasiloxane ; CAS No. : 541-02-6)
Limit value :	2,4 mg/kg
Limit value type :	PNEC (Sediment, freshwater) (Octamethylcyclotetrasiloxane ; CAS No. : 556-67-2)
Limit value :	0,128 mg/kg
Limit value type :	PNEC (Sediment, marine water) (Octamethylcyclotetrasiloxane ; CAS No. : 556-67-2)
Limit value :	0,013 mg/kg
Limit value type :	PNEC (Sediment, marine water) (Decamethylcyclopentasiloxane ; CAS No. : 541-02-6)
Limit value :	0,24 mg/kg
Limit value type :	PNEC (Soil) (Decamethylcyclopentasiloxane ; CAS No. : 541-02-6)
Limit value :	1,1 mg/kg
Limit value type :	PNEC (Soil) (Octamethylcyclotetrasiloxane ; CAS No. : 556-67-2)
Limit value :	0,136 mg/kg

Limit value type :	PNEC (Sewage treatment plant) (Octamethylcyclotetrasiloxane ; CAS No. : 556-67-2)
Limit value :	> 10 mg/l
Limit value type :	PNEC (Sewage treatment plant) (Decamethylcyclopentasiloxane ; CAS No. : 541-02-6)
Limit value :	> 10 mg/l

8.2 Exposure controls

Technical measures and the application of suitable work processes have priority over personal protection equipment.

Personal protection equipment

Eye/face protection

Eye glasses with side protection

Skin protection

Hand protection

The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. EN ISO 374

Suitable material : Butyl caoutchouc (butyl rubber) NBR (Nitrile rubber)

Breakthrough time (maximum wearing time) : 480 minutes. Check leak tightness/impermeability prior to use. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Respiratory protection

Usually no personal respirative protection necessary. Respiratory protection necessary at: aerosol or mist formation.

Suitable respiratory protection apparatus

Filtering Half-face mask (DIN EN 149) FFP1

General information

Avoid contact with skin, eyes and clothes. Remove contaminated, saturated clothing. Wash hands before breaks and after work. Keep away from food, drink and animal feeding stuffs.

8.3 Additional information

No data available

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state : Paste

Colour : Different according to colour

Odour

odourless

Safety characteristics

Solidifying point :	(1 bar / 1 Pa)		not determined		Brookfield
Melting point/freezing point :			not determined		
Freezing point :			not determined		
Initial boiling point and boiling range :			not applicable		
Decomposition temperature :			not determined		
Auto-ignition temperature :			not determined		
Flash point :		>	250	°C	ISO 2592
Lower explosion limit :			not applicable		
Upper explosion limit :			not applicable		
Vapour pressure :	(50 °C)		not determined		
Density :	(20 °C)	approx.	0,97	g/cm^3	
Solvent separation test :	(20 °C)		not determined		
Fat solubility :	(20 °C)		Not determined.		
Solubility in water			Insoluble		

pH :	(20 °C)		not applicable	
log P O/W :			not determined	
Viscosity:		approx.	300	PEN
Odour threshold :			not determined	
Relative vapour density :	(20 °C)		not determined	
Evaporation rate :			not determined	
Vapourisation rate :			not determined	
Flammable solids :	Not determined.			
Flammable gases :	Not determined.			
Oxidising liquids :	Not determined.			
Explosive properties :	Not determined.			
Corrosive to metals :	Not determined.			

9.2 Other information

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reactions known.

10.2 Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

10.3 Possibility of hazardous reactions

No dangerous reactions known.

10.4 Conditions to avoid

Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges.

10.5 Incompatible materials

No information available.

10.6 Hazardous decomposition products

Measurements have shown the formation of small amounts of formaldehyde at temperatures above about 150 °C (302 °F) through oxidation.

10.7 Additional information

No data available

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Acute oral toxicity

Parameter :	LD50 (Polydimethylsiloxane)
Exposure route :	Oral
Species :	Rat
Effective dose :	> 5000 mg/kg
Parameter :	LD50 (Dodecamethylcyclohexasiloxane ; CAS No. : 540-97-6)
Exposure route :	Oral
Species :	Rat
Effective dose :	> 2000 mg/kg
Parameter :	LD50 (Decamethylcyclopentasiloxane ; CAS No. : 541-02-6)
Exposure route :	Oral
Species :	Rat
Effective dose :	> 5000 mg/kg
Parameter :	LD50 (Octamethylcyclotetrasiloxane ; CAS No. : 556-67-2)

Exposure route : Oral
Species : Rat
Effective dose : 4800 mg/kg
Method : OECD 401
The product has not been tested.

Acute dermal toxicity
Parameter : LD50 (Polydimethylsiloxane)
Exposure route : Dermal
Species : Rat
Effective dose : > 2000 mg/kg
Parameter : LD50 (Dodecamethylcyclohexasiloxane ; CAS No. : 540-97-6)
Exposure route : Dermal
Species : Rat
Effective dose : > 2000 mg/kg
Parameter : LD50 (Decamethylcyclopentasiloxane ; CAS No. : 541-02-6)
Exposure route : Dermal
Species : Rat
Effective dose : > 2000 mg/kg
Method : OECD 402
Parameter : LD50 (Octamethylcyclotetrasiloxane ; CAS No. : 556-67-2)
Exposure route : Dermal
Species : Rat
Effective dose : > 2400 mg/kg
Method : OECD 402
The product has not been tested.

Acute inhalation toxicity
Parameter : LC50 (Octamethylcyclotetrasiloxane ; CAS No. : 556-67-2)
Exposure route : Inhalation
Species : Rat
Effective dose : 36 mg/l
Exposure time : 4 h
Method : OECD 403
The product has not been tested.

Specific effects (Longterm animal experiment)
The product has not been tested.

Corrosion
Skin corrosion/irritation
The product has not been tested.
Serious eye damage/eye irritation
The product has not been tested.
Irritation to respiratory tract
The product has not been tested.

Respiratory or skin sensitisation
Skin sensitisation
The product has not been tested.
Sensitisation to the respiratory tract
The product has not been tested.

Repeated dose toxicity (subacute, subchronic, chronic)
The product has not been tested.
Subacute oral toxicity
Parameter : NOAEL(C) (Polydimethylsiloxane)
Exposure route : Oral

Species : Rat
Effective dose : >= 1000 mg/kg
Parameter : NOAEL(C) (Dodecamethylcyclohexasiloxane ; CAS No. : 540-97-6)
Exposure route : Oral
Species : Rat
Effective dose : 1000 mg/kg
Parameter : NOAEL(C) (Decamethylcyclopentasiloxane ; CAS No. : 541-02-6)
Exposure route : Oral
Species : Rat
Effective dose : => 1000 mg/kg
Exposure time : 90 D

Subacute dermal toxicity

Parameter : NOAEL(C) (Decamethylcyclopentasiloxane ; CAS No. : 541-02-6)
Exposure route : Dermal
Species : Rat
Effective dose : => 1600 mg/kg
Exposure time : 28 D
Method : OECD 410
Parameter : NOAEL(C) (Octamethylcyclotetrasiloxane ; CAS No. : 556-67-2)
Exposure route : Dermal
Species : Rabbit
Effective dose : > 1 mg/kg
Exposure time : 21 D
Method : OECD 410

Subacute inhalation toxicity

Parameter : NOAEC (Octamethylcyclotetrasiloxane ; CAS No. : 556-67-2)
Exposure route : Inhalation
Species : Rat
Effective dose : 150 mg/kg
Exposure time : 730 D
Parameter : NOAEL(C) (Decamethylcyclopentasiloxane ; CAS No. : 541-02-6)
Exposure route : Inhalation
Species : Rat
Effective dose : >= 160 ppm
Exposure time : 720 D

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Carcinogenicity

Parameter : Carcinogenicity (Decamethylcyclopentasiloxane ; CAS No. : 541-02-6)
Result : Negative.
Parameter : NOAEL(C) (Octamethylcyclotetrasiloxane ; CAS No. : 556-67-2)
Exposure route : Inhalation
Species : Rat
Effective dose : 150 mg/kg
Exposure time : 730 D
Method : OECD 453
Parameter : NOAEL(C) (Octamethylcyclotetrasiloxane ; CAS No. : 556-67-2)
Exposure route : Inhalation
Species : Rat
Effective dose : > 700 mg/kg
Exposure time : 730 D
Method : OECD 453

The product has not been tested.

Germ cell mutagenicity

The product has not been tested.

In vitro mutagenicity

Parameter :	In vitro mutagenicity (Decamethylcyclopentasiloxane ; CAS No. : 541-02-6)
Result :	Ames test negative.
Parameter :	In vitro mutagenicity (Octamethylcyclotetrasiloxane ; CAS No. : 556-67-2)
Species :	Salmonella typhimurium
Result :	Negative.
Method :	OECD 471 (Ames test)
Parameter :	In vitro mutagenicity (Octamethylcyclotetrasiloxane ; CAS No. : 556-67-2)
Species :	Mouse
Result :	Negative.
Method :	OECD 476

In vivo mutagenicity

Parameter :	In-vivo Unscheduled DNA Synthesis (UDS) (Decamethylcyclopentasiloxane ; CAS No. : 541-02-6)
Species :	Rat
Result :	Negative.

Reproductive toxicity

The product has not been tested.

Reproductive toxicity

Two generation reproduction toxicity test

Parameter :	Two generation reproduction toxicity test (Decamethylcyclopentasiloxane ; CAS No. : 541-02-6)
Species :	Rat
Result :	Negative.
Parameter :	NOAEL(C) (Octamethylcyclotetrasiloxane ; CAS No. : 556-67-2)
Exposure route :	Inhalation
Species :	Rat
Effective dose :	300 mg/kg
Method :	OECD 416

STOT-single exposure

The product has not been tested.

STOT-repeated exposure

The product has not been tested.

Aspiration hazard

The product has not been tested.

11.2 Toxicokinetics, metabolism and distribution

The product has not been tested.

11.3 Symptoms related to the physical, chemical and toxicological characteristics

No data available

11.4 Other adverse effects

No data available

11.5 Additional information

No data available

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
The product has not been tested.

Chronic (long-term) fish toxicity
Parameter : NOEC (Polydimethylsiloxane)
Species : Oncorhynchus mykiss (Rainbow trout)
Effective dose : > 10000 mg/kg
Exposure time : 28 D
The product has not been tested.

Acute (short-term) toxicity to crustacea
Parameter : EC0 (Polydimethylsiloxane)
Species : Daphnia magna (Big water flea)
Evaluation parameter : Acute (short-term) daphnia toxicity
Effective dose : > 0,0001 mg/l
Exposure time : 48 h
The product has not been tested.

Chronic (long-term) toxicity to crustacea
The product has not been tested.

Acute (short-term) toxicity to aquatic algae and cyanobacteria
Parameter : IC50 (Polydimethylsiloxane)
Species : Skeletonema costatum
Effective dose : > 100000 mg/l
Exposure time : 72 h
The product has not been tested.

Chronic (long-term) algae toxicity
The product has not been tested.

Toxicity to microorganisms
The product has not been tested.

Terrestrial toxicity
The product has not been tested.

Toxicity to terrestrial plants
The product has not been tested.

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

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
The product has not been tested.

12.4 Mobility in soil
The product has not been tested.

12.5 Results of PBT and vPvB assessment
Octamethylcyclotetrasiloxane (D4) meets the current EU REACh Annex XIII criteria for PBT and vPvB and has been added to the candidate list for Substances of very high concern (SVHC). However, D4 does not behave similarly to known PBT/vPvB substances. The silicones industries interpretation of the available data is that the weight of scientific evidence from field studies shows that D4 is not biomagnifying in aquatic and terrestrial food webs. D4 in air will degrade by naturally occurring reactions in the atmosphere. Any D4 in air that does not degrade by these reactions is

not expected to deposit from the air to water, to land, or to living organisms. Decamethylcyclopentasiloxane (D5) meets the current EU REACH Annex XIII criteria for vPvB and has been added to the candidate list for Substances of very high concern (SVHC). However, D5 does not behave similarly to known PBT/vPvB substances. The silicones industries interpretation of the available data is that the weight of scientific evidence from field studies shows that D5 is not biomagnifying in aquatic and terrestrial food webs. D5 in air will degrade by naturally occurring reactions in the atmosphere. Any D5 in air that does not degrade by these reactions is not expected to deposit from the air to water, to land, or to living organisms. Dodecamethylcyclohexasiloxane (D6) meets the current EU REACH Annex XIII criteria for vPvB and has been added to the candidate list for Substances of very high concern (SVHC). However, D6 does not behave similarly to known PBT/vPvB substances. The silicones industries interpretation of the available data is that the weight of scientific evidence from field studies shows that D6 is not biomagnifying in aquatic and terrestrial food webs. D6 in air will degrade by naturally occurring reactions in the atmosphere. Any D6 in air that does not degrade by these reactions is not expected to deposit from the air to water, to land, or to living organisms

12.6 Other adverse effects

No data available

12.7 Additional ecotoxicological information

No data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste disposal according to directive 2008/98/EC, covering waste and dangerous waste. Consult the appropriate local waste disposal expert about waste disposal.

Product/Packaging disposal

Waste treatment options

Appropriate disposal / Product

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

Appropriate disposal / Package

Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

Transport information Land transport (ADR/RID) : Sea transport (IMDG) : Air transport (ICAO-TI / IATA-DGR) :

14.1 UN number

No dangerous good in sense of these transport regulations.

14.2 UN proper shipping name

No dangerous good in sense of these transport regulations.

14.3 Transport hazard class(es)

No dangerous good in sense of these transport regulations.

14.4 Packing group

No dangerous good in sense of these transport regulations.

14.5 Environmental hazards

No dangerous good in sense of these transport regulations.

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

EU legislation

Authorisations and/or restrictions on use

Restrictions on use

Use restriction according to REACH annex XVII, no. : 70

National regulations

Technische Anleitung Luft (TA-Luft)

Weight fraction (Number 5.2.5. II) : 0,1 - 1 %

Sum organic substances class III : 85 - 100 %

Water hazard class (WGK)

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

Additional information

Substance/product listed in the following inventories

TSCA REACH DSL/NDSL ENCS (Class 1 and 2) AICS KECL IECSC PICCS TCSI

15.2 Chemical safety assessment

No information available.

SECTION 16: Other information

16.1 Indication of changes

None

16.2 Abbreviations and acronyms

REACH - Registration, Evaluation, Authorisation of Chemicals
GHS - Globally Hamonised System of Classification and Labeling
CLP - Classification, Labeling and Packaging of Substances and Mixtures
CAS - Chemical Abstract Service
TWA - Time Weighted Average
DNEL/DMEL - Derived No Effect Level
PNEC - Predicted No Effect Concentration
STP - Sewage Treatment Plant
TRGS - Technical Rules for Hazardous Substances (German Regulations)
STEL - Short-term Exposure Limit
TLV - threshold limit value
AGW - Occupational threshold limit value
RCP - Reciprocal Calculation Procedure
ATE - Acute Toxicity Estimate
MAK Treshold limit values Germany
LD50 - Lethal Dosie, 50%
LC50 - Lethal concentration, 50%
OECD - Organization for Economic Cooperation and Development
NOAEL - No Observed Adverse Effect Level
EC50 - half maximal effective concentration
NOEC - No Observed Effect Concentration
PBT - Persistent, Bioaccumulative, Toxic
vPvB - very Persistent, very Bioaccumulative
ADR/RID - European Agreement concerning the International Carriage of Dangerous Goods by Road (Accord européen relatif au transport international des marchandises Dangereuses par Route)/Regulations Concerning the International Transport of Dangerous Goods by Rail (Règlement concernant le transport International ferroviaire de marchandises Dangereuses)
IMDG - International Maritime Dangerous Goods Code
ICAO - International Civil Aviation Association
IATA - International Air Transport Association
VwVws - German administrative regulation on the classification of substances hazardous to water into water hazard classes
AwSV - Ordinance on facilities for handling substances that are hazardous to water

16.3 Key literature references and sources for data

None

16.4 Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

No information available.

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

H226	Flammable liquid and vapour.
H361f	Suspected of damaging fertility.
H413	May cause long lasting harmful effects to aquatic life.

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.