

Safety Data Sheet

According to Regulation (EC) No. 1907/2006, Annex II

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

1.1 Product identifier:

Product name: WaSil speed, component A

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

- **Identified uses:** Moulding diverse objects.

- **Uses advised against:** None known.

1.3 Details of the supplier of the safety data sheet:

Manufacturer/ Supplier:

Wassermann Dental-Maschinen GmbH
Rudorffweg 15-17
21031 Hamburg
Germany

Phone.: +49 (0) 40 73 09 26 -20/ -24

Fax: +49 (0) 40 70 03 724

export@wassermann-dental.com

www.wassermann.hamburg

1.4 Emergency telephone number: +49 (0) 40 73 09 26-21

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

The product has not been classified as hazardous according to the legislation in force.

Classification according to Regulation (EC) No 1272/2008 as amended.

Not classified

2.2 Label Elements

Not applicable

Hazard summary

Physical Hazards: No specific recommendations.

Health Hazards

Inhalation: No specific symptoms noted.

Eye contact: No specific symptoms noted.

Skin Contact: No specific symptoms noted.

Ingestion: No specific symptoms noted.

Other Health Effects: No other information noted.

Environmental Hazards: Not regarded as dangerous for the environment.

2.3 Other hazards

Meets vPvB criteria

SECTION 3: Composition/information on ingredients

3.2 Mixtures

General information: Mixture of organosiloxanes, additives.

Chemical name	Concentration	CAS-No.	EC No.	REACH Registration No.	M-Factor:	Notes
Decamethylcyclopentasiloxane	0,1 - <1%	541-02-6	208-764-9	01-2119511367-43-0003	No data available.	vPvB
Dodecamethylcyclohexasiloxane	0,1 - <1%	540-97-6	208-762-8	01-2119517435-42-0002	No data available.	vPvB

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

This substance has workplace exposure limit(s).

Classification

Chemical name	Classification	Notes
Decamethylcyclopentasiloxane	None known.	No data available.
Dodecamethylcyclohexasiloxane	None known.	No data available.

CLP: Regulation No. 1272/2008.

The full text for all H-statements is displayed in section 16.

SECTION 4: First aid measures

General: Get medical attention if symptoms occur. Contaminated clothing to be placed in closed container until disposal or decontamination.

4.1 Description of first aid measures

Inhalation: Not relevant.

Skin Contact: Remove contaminated clothing and shoes. Wash with soap and water.

Eye contact: In the event of contact with the eyes, rinse thoroughly with clean water. Continue to rinse for at least 15 minutes.

Ingestion: Do not induce vomiting. Rinse mouth thoroughly.

4.2 Most important symptoms and effects, both acute and delayed: None known.

4.3 Indication of any immediate medical attention and special treatment needed

Hazards: No specific recommendations.

Treatment: No specific recommendations.

SECTION 5: Firefighting measures

General Fire Hazards:	No specific recommendations.
5.1 Extinguishing media	
Suitable extinguishing media:	Extinguish with foam, carbon dioxide or dry powder. Water spray.
Unsuitable extinguishing media:	None known.
5.2 Special hazards arising from the substance or mixture:	None known. For further information, refer to section 10: "Stability and Reactivity".
5.3 Advice for firefighters	
Special fire fighting procedures:	Water spray should be used to cool containers.
Special protective equipment for fire-fighters:	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:	
6.1.1 For non-emergency personnel:	Use personal protective equipment. See Section 8 of the SDS for Personal Protective Equipment.
6.1.2 For emergency responders:	No data available.
6.2 Environmental Precautions:	Collect spillage. Do not discharge into drains, water courses or onto the ground.
6.3 Methods and material for containment and cleaning up:	Containers with collected spillage must be properly labelled with correct contents and hazard symbol. Container must be kept tightly closed. Absorb with sand or other inert absorbent. To clean the floor and all objects contaminated by this material, use an appropriate solvent. (cf. : § 9) Flush area with plenty of water. Incinerate in suitable combustion chamber.
6.4 Reference to other sections:	Caution: Contaminated surfaces may be slippery. For waste disposal, see Section 13 of the SDS.

SECTION 7: Handling and storage

7.1 Precautions for safe handling:	No specific precautions.
7.2 Conditions for safe storage, including any incompatibilities:	No special storage precautions noted. Material is stable under normal conditions. Avoid contact with oxidizing agents. Suitable containers: polyethylene. Plastic lined steel drum.
Lagerungshinweise:	Es liegen keine Daten vor.
Storage Class:	No data available.
7.3 Specific end use(s):	No specific recommendations.

SECTION 8: Exposure controls/personal protection

8.1 Control Parameters

Occupational Exposure Limits

None of the components have assigned exposure limits.

8.2 Exposure controls

Appropriate Engineering Controls:

No specific recommendations.

Individual protection measures, such as personal protective equipment

General information: No specific precautions.

Eye/face protection: Safety Glasses.

Skin protection

Hand Protection: Material: Nitrile.
Material: Polyvinyl chloride (PVC).
Material: Rubber or plastic.

Other: No skin protection is ordinarily required under normal conditions of use. In accordance with good industrial hygiene practices, precautions should be taken to avoid skin contact.

Respiratory Protection: No specific precautions.

Hygiene measures: Provide eyewash station and safety shower.

Environmental Controls: No data available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state:	Liquid
Form:	Viscous
Color:	White
Odor:	Odorless
Odor Threshold:	No data available.
pH:	Not applicable
Freezing point:	No data available.
Boiling Point:	No data available.
Flash Point:	> 200 °C (Closed cup according to method ASTM D56.)
Evaporation Rate:	No data available.
Flammability (solid, gas):	No data available.
Flammability Limit - Upper (%):	No data available.
Flammability Limit - Lower (%):	No data available.
Vapor pressure:	< 0,1 hPa (20 °C)
Vapor density (air=1):	No data available.
Density:	Approximate 1,1 kg/dm ³ (20 °C)
Solubility(ies)	
Solubility in Water:	Practically Insoluble
Solubility (other):	Diethylether: Miscible (in all proportions).

	Chlorinated solvents: Miscible (in all proportions).
	Aromatic hydrocarbons: Miscible (in all proportions).
	Aliphatic hydrocarbons: Miscible (in all proportions).
	Acetone: Very slightly soluble.
	Ethanol: Very slightly soluble.
Partition coefficient (n-octanol/water):	No data available.
Autoignition Temperature:	> 400 °C
Decomposition Temperature:	> 200 °C
Viscosity:	4 100 mm ² /s (20 °C)
Explosive properties:	No data available.
Oxidizing properties:	According to the data on the components Not considered as oxidizing. (evaluation by structure-activity relationship)

9.2 Other information: No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity:	Not relevant.
10.2 Chemical Stability:	Stable
10.3 Possibility of hazardous reactions:	Not known.
10.4 Conditions to avoid:	No other information noted.
10.5 Incompatible Materials:	Strong oxidizing agents.
10.6 Hazardous Decomposition Products:	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors. Amorphous silica.

SECTION 11: Toxicological information

Information on likely routes of exposure

Inhalation:	No effects expected (assessment based on ingredients).
Ingestion:	No effects expected (assessment based on ingredients).
Skin Contact:	No effects expected (assessment based on ingredients).
Eye contact:	No effects expected (assessment based on ingredients).

11.1 Information on toxicological effects:

Acute toxicity:

Oral:

Product: Not classified for acute toxicity based on available data.

Dermal:

Product: Not classified for acute toxicity based on available data.

Inhalation:

Product: Composition/information on ingredients
Specified substance(s):

Decamethylcyclopentasiloxane LC 50 (Rat): 8,67 mg/l

Repeated dose toxicity:

Product: No data available.

Specified substance(s):

Decamethylcyclopentasiloxane
NOAEL (Rat, Oral): >= 1 000 mg/kg
NOAEL (Rat, Inhalation - vapor): >= 2,42 mg/l
NOAEL (Rat, Dermal): >= 1 600 mg/kg

Dodecamethylcyclohexasiloxane
NOAEL (Rat, Oral): >= 1 000 mg/kg Method: OECD 422
NOAEL (Rat, Inhalation - vapor): 0,0182 mg/l Method: OECD 413

Skin Corrosion/Irritation:

Product: Composition/information on ingredients

Specified substance(s):

Decamethylcyclopentasiloxane Rabbit : Not irritating

Dodecamethylcyclohexasiloxane
OECD 404 (Rabbit) : Not irritating

Serious Eye Damage/Eye

Irritation:

Product: Composition/information on ingredients

Specified substance(s):

Decamethylcyclopentasiloxane Rabbit : Not irritating

Dodecamethylcyclohexasiloxane
OECD 405 (Rabbit) : Not irritating

Respiratory or Skin

Sensitization:

Product: Composition/information on ingredients

Specified substance(s):

Decamethylcyclopentasiloxane Not a skin sensitizer.

Dodecamethylcyclohexasiloxane
OECD 406 (Guinea Pig) : Not a skin sensitizer.

Germ Cell Mutagenicity:

In vitro:

Product:	Composition/information on ingredients
Specified substance(s):	
Decamethylcyclopentasiloxane	Chromosomal aberration : No mutagenic components identified. Bacteria : No mutagenic components identified.
Dodecamethylcyclohexasiloxane	Mouse lymphoma cells (OECD 476): negative with and without metabolic activation Bacteria (OECD 471): negative with and without metabolic activation

In vivo:

Product:	No data available.
Specified substance(s):	
Decamethylcyclopentasiloxane	No effects expected.
Dodecamethylcyclohexasiloxane	Mammalian erythrocyte micronucleus test (OECD 474): No mutagenic effects.

Carcinogenicity:

Product:	No data available.
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Reproductive toxicity:

Product:	Composition/information on ingredients
Specified substance(s):	
Dodecamethylcyclohexasiloxane	Based on available data, the classification criteria are not met.

Reproductive toxicity

(Fertility):

Product:	Composition/information on ingredients
Specified substance(s):	
Decamethylcyclopentasiloxane	Fertility study 2 generations. Rat (Inhalation): NOAEL (parent): 3,64 mg/l NOAEL (F1):None. NOAEL (F2): None. Method: OECD 416
Dodecamethylcyclohexasiloxane	Reproduction/developmental toxicity screening test. Rat (Gavage (Oral)): NOAEL (parent): >= 1 000 mg/kg NOAEL (F1):>= 1 000 mg/kg NOAEL (F2): Method: OECD 422

Developmental toxicity

(Teratogenicity):

Product:	Composition/information on ingredients
Specified substance(s):	
Dodecamethylcyclohexasiloxane	Rabbit NOAEL (terato): >= 1 000 mg/kg NOAEL (mater): >= 1 000 mg/kg Method: OECD 414 Rat NOAEL (terato): >= 1 000 mg/kg NOAEL (mater): >= 1 000 mg/kg Method: OECD 414

Specific Target Organ Toxicity - Single Exposure:

Product: No data available.

Specified substance(s):

Dodecamethylcyclhexasiloxane Based on available data, the classification criteria are not met.

Specific Target Organ Toxicity - Repeated Exposure:

Product: No data available.

Specified substance(s):

Dodecamethylcyclhexasiloxane Based on available data, the classification criteria are not met.

Aspiration Hazard:

Product: No data available.

SECTION 12: Ecological information

12.1 Toxicity:

Acute toxicity:

Fish:

Product: No data available.

Aquatic Invertebrates:

Product: No data available.

Chronic Toxicity:

Fish:

Product: No data available.

Specified substance(s):

Decamethylcyclopentasiloxane NOEC (Oncorhynchus mykiss, 90 d): $\geq 0,014$ mg/l

Aquatic Invertebrates:

Product: Composition/information on ingredients

Specified substance(s):

Dodecamethylcyclhexasiloxane NOEC (Water flea (Daphnia magna), 21 d): $\geq 0,0046$ mg/l

Toxicity to Aquatic Plants:

Product: Composition/information on ingredients

Specified substance(s):

Dodecamethylcyclhexasiloxane NOEC (Algae (Pseudokirchneriella subcapitata), 72 h): $\geq 0,002$ mg/l
EC 50 (Algae (Pseudokirchneriella subcapitata), 72 h): $> 0,002$ mg/l

12.2 Persistence and Degradability:

Biodegradation:

Product: Composition/information on ingredients

Specified substance(s):

Decamethylcyclopentasiloxane 0,14 % (28 d) The product is not readily biodegradable.

Dodecamethylcyclohexasiloxane 4,5 % (28 d, OECD 310) The product is not readily biodegradable.

BOD/COD Ratio:

Product: No data available.

12.3 Bioaccumulative potential:

Product: Composition/information on ingredients

Specified substance(s):

Decamethylcyclopentasiloxane Fathead Minnow, Bioconcentration Factor (BCF): 7 060

Dodecamethylcyclohexasiloxane Fathead Minnow, Bioconcentration Factor (BCF): 2 860 (OECD 305) Has the potential to bioaccumulate.

12.4 Mobility in soil:

No data available.

12.5 Results of PBT and vPvB assessment:

Composition/information on ingredients

Decamethylcyclopentasiloxane Meets vPvB criteria REACH (1907/2006) Ax XIII

Dodecamethylcyclohexasiloxane Meets vPvB criteria REACH (1907/2006) Ax XIII

12.6 Other adverse effects:

None known.

SECTION 13: Disposal considerations
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13.1 Waste treatment methods:

General information: The user's attention is drawn to the possible existence of local regulations regarding disposal.

Disposal methods

Disposal instructions: Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal. Incinerate.

Contaminated Packaging: Contaminated packages should be as empty as possible. Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal. Recycle following cleaning or dispose of at an authorised site.

SECTION 14: Transport information

This material is not subject to transport regulations.

Other information: No special precautions.

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code: Not applicable.

SECTION 15: Regulatory information

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

National Regulations

**Wassergefährdungs-
klasse (WGK):** WGK 1: schwach wassergefährdend.

**Water Hazard Class
(WGK):** WGK 1: slightly water-endangering.

**15.2 Chemical safety
assessment:** No Chemical Safety Assessment has been carried out.

Inventory Status:

Australia AICS:	On or in compliance with the inventory.
Canada DSL Inventory List:	On or in compliance with the inventory.
EINECS, ELINCS or NLP:	On or in compliance with the inventory.
Japan (ENCS) List:	Not in compliance with the inventory.
China Inv. Existing Chemical Substances:	On or in compliance with the inventory.
Korea Existing Chemicals Inv. (KECI):	On or in compliance with the inventory.
Philippines PICCS:	On or in compliance with the inventory.
US TSCA Inventory:	On or in compliance with the inventory.

SECTION 16: Other information

Revision Information: Not relevant.

References

PBT: persistent, bioaccumulative and toxic substance.
vPvB: very persistent and very bioaccumulative substance.

Key abbreviations or acronyms used:

No data available.

**Key literature references and
sources for data:** No data available.

Wording of the H-statements in section 2 and 3: none

Training information: No data available.

Issue Date: 11.12.2018
SDS No.:

Disclaimer: The information given is based on data available for the material, the components of the material, and similar materials. The information is believed to be correct. It is given in good faith. This information should be used to make an independent determination of the methods to safeguard workers and the environment.

Safety Data Sheet

According to Regulation (EC) No. 1907/2006, Annex II

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

1.1 Product identifier:

Product name: WaSil speed, component B

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

- **Identified uses:** Moulding diverse objects.

- **Uses advised against:** None known.

1.3 Details of the supplier of the safety data sheet:

Manufacturer/ Supplier:

Wassermann Dental-Maschinen GmbH
Rudorffweg 15-17
21031 Hamburg
Germany

Phone.: +49 (0) 40 73 09 26 -20/ -24

Fax: +49 (0) 40 70 03 724

export@wassermann-dental.com

www.wassermann.hamburg

1.4 Emergency telephone number: +49 (0) 40 73 09 26-21

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

The product has not been classified as hazardous according to the legislation in force.

Classification according to Regulation (EC) No 1272/2008 as amended.

Not classified

2.2 Label Elements

Not applicable

Hazard summary

Physical Hazards: No specific recommendations.

Health Hazards

Inhalation: No specific symptoms noted.

Eye contact: No specific symptoms noted.

Skin Contact: No specific symptoms noted.

Ingestion: No specific symptoms noted.

Other Health Effects: No other information noted.

Environmental Hazards: Not regarded as dangerous for the environment.

2.3 Other hazards

Chemical compounds containing silicon - hydrogen bonds (SiH). This product may generate hydrogen gas. For further information, refer to section 10: "Stability and Reactivity". Meets vPvB criteria

SECTION 3: Composition/information on ingredients

3.2 Mixtures

General information: Mixture of organosiloxanes, additives.

Chemical name	Concentration	CAS-No.	EC No.	REACH Registration No.	M-Factor:	Notes
Decamethylcyclopentasiloxane	0,1 - <1%	541-02-6	208-764-9	01-2119511367-43-0003	No data available.	vPvB
Dodecamethylcyclohexasiloxane	0,1 - <1%	540-97-6	208-762-8	01-2119517435-42-0002	No data available.	vPvB

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

This substance has workplace exposure limit(s).

Classification

Chemical name	Classification	Notes
Decamethylcyclopentasiloxane	None known.	No data available.
Dodecamethylcyclohexasiloxane	None known.	No data available.

CLP: Regulation No. 1272/2008.

The full text for all H-statements is displayed in section 16.

SECTION 4: First aid measures

General: Get medical attention if symptoms occur. Contaminated clothing to be placed in closed container until disposal or decontamination.

4.1 Description of first aid measures

Inhalation: Not relevant.

Skin Contact: Remove contaminated clothing and shoes. Wash with soap and water.

Eye contact: In the event of contact with the eyes, rinse thoroughly with clean water. Continue to rinse for at least 15 minutes.

Ingestion: Do not induce vomiting. Rinse mouth thoroughly.

4.2 Most important symptoms and effects, both acute and delayed: None known.

4.3 Indication of any immediate medical attention and special treatment needed

Hazards: No specific recommendations.

Treatment: No specific recommendations.

SECTION 5: Firefighting measures

General Fire Hazards:	No specific recommendations.
5.1 Extinguishing media Suitable extinguishing media:	Foam. Powder. Carbon dioxide (CO ₂).
Unsuitable extinguishing media:	Do not use water jet as an extinguisher, as this will spread the fire. Alkaline powders.
5.2 Special hazards arising from the substance or mixture:	This product may generate hydrogen gas. Vapors may form explosive mixtures with air. For further information, refer to section 10: "Stability and Reactivity".
5.3 Advice for firefighters Special fire fighting procedures:	Water spray should be used to cool containers.
Special protective equipment for fire-fighters:	Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Use standard firefighting procedures and consider the hazards of other involved materials.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:	
6.1.1 For non-emergency personnel:	Wear appropriate personal protective equipment. See Section 8 of the SDS for Personal Protective Equipment. Keep away from Alkalis and caustic products. Eliminate all sources of ignition.
6.1.2 For emergency responders:	No data available.
6.2 Environmental Precautions:	Collect spillage. Prevent entry into waterways, sewer, basements or confined areas. Mechanically ventilate the spillage area to prevent the formation of explosive concentrations.
6.3 Methods and material for containment and cleaning up:	Containers with collected spillage must be properly labelled with correct contents and hazard symbol. Suitable containers: equipped with a degassing device. Absorb with sand or other inert absorbent. Do NOT use products which are basic. To clean the floor and all objects contaminated by this material, use an appropriate solvent.(cf. : § 9) Flush area with plenty of water.
6.4 Reference to other sections:	Caution: Contaminated surfaces may be slippery. For waste disposal, see Section 13 of the SDS.

SECTION 7: Handling and storage

7.1 Precautions for safe handling:	Use mechanical ventilation in case of handling which causes formation of vapors. Do not mix with Incompatible materials. For further information, refer to section 10: "Stability and Reactivity". Read and follow manufacturer's recommendations.
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7.2 Conditions for safe storage, including any incompatibilities:	Store in a cool, dry place with adequate ventilation. Keep away from incompatible materials, open flames, and high temperatures. Store in tightly closed original container. equipped with a degassing device. Suitable containers: polyethylene. Steel drums coated with epoxy-resin.
Lagerungshinweise:	Es liegen keine Daten vor.
Storage Class:	No data available.
7.3 Specific end use(s):	No data available.

SECTION 8: Exposure controls/personal protection

8.1 Control Parameters

Occupational Exposure Limits

None of the components have assigned exposure limits.

8.2 Exposure controls

Appropriate Engineering Controls:

Avoid inhalation of vapors and spray mists.

Individual protection measures, such as personal protective equipment

General information:

Provide sufficient ventilation during operations which cause vapor formation.

Eye/face protection:

Safety Glasses.

Skin protection

Hand Protection:

Material: Nitrile.
Material: Polyvinyl chloride (PVC).
Material: Rubber or plastic.

Other:

It is a good industrial hygiene practice to minimize skin contact. Wear suitable protective clothing.

Respiratory Protection:

No specific precautions.

Hygiene measures:

Provide eyewash station and safety shower.

Environmental Controls:

No data available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state:	Liquid
Form:	Viscous
Color:	Green
Odor:	Odorless
Odor Threshold:	No data available.
pH:	Not applicable
Freezing point:	No data available.
Boiling Point:	No data available.
Flash Point:	> 200 °C (Closed cup according to method ASTM D56.)
Evaporation Rate:	No data available.

Flammability (solid, gas):	No data available.
Flammability Limit - Upper (%):	74 %(V) Hydrogen.
Flammability Limit - Lower (%):	4 %(V) Hydrogen.
Vapor pressure:	< 0,1 hPa (20 °C)
Vapor density (air=1):	No data available.
Density:	Approximate 1,1 kg/dm ³ (20 °C)
Solubility(ies)	
Solubility in Water:	Practically Insoluble
Solubility (other):	Diethylether: Miscible (in all proportions). Chlorinated solvents: Miscible (in all proportions). Aromatic hydrocarbons: Miscible (in all proportions). Aliphatic hydrocarbons: Miscible (in all proportions). Acetone: Very slightly soluble. Ethanol: Very slightly soluble.
Partition coefficient (n-octanol/water):	No data available.
Autoignition Temperature:	> 400 °C
Decomposition Temperature:	> 200 °C
Viscosity:	4 100 mm ² /s (20 °C)
Explosive properties:	No data available.
Oxidizing properties:	According to the data on the components Not considered as oxidizing. (evaluation by structure-activity relationship)

9.2 Other information: No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity:	No other information noted.
10.2 Chemical Stability:	Material is stable under normal conditions.
10.3 Possibility of hazardous reactions:	This product may generate hydrogen gas.
10.4 Conditions to avoid:	No other information noted.
10.5 Incompatible Materials:	A fire or explosion hazard arises because highly flammable gas (hydrogen) is released when it is in contact with : Strong oxidizing agents. Alkalis and caustic products. Chemical compounds with mobile hydrogen, in the presence of metal salts and complexes.
10.6 Hazardous Decomposition Products:	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors. Amorphous silica. Quantity of hydrogen potentially released (l/kg of product): <7

SECTION 11: Toxicological information

Information on likely routes of exposure

Inhalation:	No effects expected (assessment based on ingredients).
Ingestion:	No effects expected (assessment based on ingredients).
Skin Contact:	No effects expected (assessment based on ingredients).
Eye contact:	No effects expected (assessment based on ingredients).

11.1 Information on toxicological effects:

Acute toxicity:

Oral:

Product: Not classified for acute toxicity based on available data.

Dermal:

Product: Not classified for acute toxicity based on available data.

Inhalation:

Product: Composition/information on ingredients

Specified substance(s):

Decamethylcyclopentasiloxane LC 50 (Rat): 8,67 mg/l

Repeated dose toxicity:

Product: No data available.

Specified substance(s):

Decamethylcyclopentasiloxane
NOAEL (Rat, Oral): $\geq 1\,000$ mg/kg
NOAEL (Rat, Inhalation - vapor): $\geq 2,42$ mg/l
NOAEL (Rat, Dermal): $\geq 1\,600$ mg/kg

Dodecamethylcyclohexasiloxane
NOAEL (Rat, Oral): $\geq 1\,000$ mg/kg Method: OECD 422
NOAEL (Rat, Inhalation - vapor): 0,0182 mg/l Method: OECD 413

Skin Corrosion/Irritation:

Product: Composition/information on ingredients

Specified substance(s):

Decamethylcyclopentasiloxane Rabbit : Not irritating

Dodecamethylcyclohexasiloxane OECD 404 (Rabbit) : Not irritating

Serious Eye Damage/Eye

Irritation:

Product: Composition/information on ingredients

Specified substance(s):

Decamethylcyclopentasiloxane Rabbit : Not irritating

Dodecamethylcyclohexasiloxane OECD 405 (Rabbit) : Not irritating

Respiratory or Skin

Sensitization:

Product: Composition/information on ingredients

Specified substance(s):

Decamethylcyclopentasiloxane Not a skin sensitizer.

Dodecamethylcyclohexasiloxane OECD 406 (Guinea Pig) : Not a skin sensitizer.

Germ Cell Mutagenicity:

In vitro:

Product:	Composition/information on ingredients
Specified substance(s):	
Decamethylcyclopentasiloxane	Chromosomal aberration : No mutagenic components identified. Bacteria : No mutagenic components identified.
Dodecamethylcyclohexasiloxane	Mouse lymphoma cells (OECD 476): negative with and without metabolic activation Bacteria (OECD 471): negative with and without metabolic activation

In vivo:

Product:	No data available.
Specified substance(s):	
Decamethylcyclopentasiloxane	No effects expected.
Dodecamethylcyclohexasiloxane	Mammalian erythrocyte micronucleus test (OECD 474): No mutagenic effects.

Carcinogenicity:

Product:	No data available.
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Reproductive toxicity:

Product:	Composition/information on ingredients
Specified substance(s):	
Dodecamethylcyclohexasiloxane	Based on available data, the classification criteria are not met.

Reproductive toxicity

(Fertility):

Product:	Composition/information on ingredients
Specified substance(s):	
Decamethylcyclopentasiloxane	Fertility study 2 generations. Rat (Inhalation): NOAEL (parent): 3,64 mg/l NOAEL (F1):None. NOAEL (F2): None. Method: OECD 416
Dodecamethylcyclohexasiloxane	Reproduction/developmental toxicity screening test. Rat (Gavage (Oral)): NOAEL (parent): >= 1 000 mg/kg NOAEL (F1):>= 1 000 mg/kg NOAEL (F2): Method: OECD 422

Developmental toxicity

(Teratogenicity):

Product:	Composition/information on ingredients
Specified substance(s):	
Dodecamethylcyclohexasiloxane	Rabbit NOAEL (terato): >= 1 000 mg/kg NOAEL (mater): >= 1 000 mg/kg Method: OECD 414 Rat NOAEL (terato): >= 1 000 mg/kg NOAEL (mater): >= 1 000 mg/kg Method: OECD 414

Specific Target Organ Toxicity - Single Exposure:

Product: No data available.

Specified substance(s):

Dodecamethylcyclohexasiloxane Based on available data, the classification criteria are not met.

Specific Target Organ Toxicity - Repeated Exposure:

Product: No data available.

Specified substance(s):

Dodecamethylcyclohexasiloxane Based on available data, the classification criteria are not met.

Aspiration Hazard:

Product: No data available.

SECTION 12: Ecological information

12.1 Toxicity:

Acute toxicity:

Fish:

Product: No data available.

Aquatic Invertebrates:

Product: No data available.

Chronic Toxicity:

Fish:

Product: No data available.

Specified substance(s):

Decamethylcyclopentasiloxane NOEC (Oncorhynchus mykiss, 90 d): $\geq 0,014$ mg/l

Aquatic Invertebrates:

Product: Composition/information on ingredients

Specified substance(s):

Dodecamethylcyclohexasiloxane NOEC (Water flea (Daphnia magna), 21 d): $\geq 0,0046$ mg/l

Toxicity to Aquatic Plants:

Product: Composition/information on ingredients

Specified substance(s):

Dodecamethylcyclohexasiloxane NOEC (Algae (Pseudokirchneriella subcapitata), 72 h): $\geq 0,002$ mg/l
EC 50 (Algae (Pseudokirchneriella subcapitata), 72 h): $> 0,002$ mg/l

12.2 Persistence and Degradability:

Biodegradation:

Product: Composition/information on ingredients

Specified substance(s):

Decamethylcyclopentasiloxane 0,14 % (28 d) The product is not readily biodegradable.

Dodecamethylcyclohexasiloxane 4,5 % (28 d, OECD 310) The product is not readily biodegradable.

BOD/COD Ratio:**Product:** No data available.**12.3 Bioaccumulative potential:****Product:** Composition/information on ingredients**Specified substance(s):**

Decamethylcyclopentasiloxane Fathead Minnow, Bioconcentration Factor (BCF): 7 060

Dodecamethylcyclohexasiloxane Fathead Minnow, Bioconcentration Factor (BCF): 2 860 (OECD 305) Has the potential to bioaccumulate.

12.4 Mobility in soil:

No data available.

12.5 Results of PBT and vPvB assessment:

Composition/information on ingredients

Decamethylcyclopentasiloxane Meets vPvB criteria REACH (1907/2006) Ax XIII

Dodecamethylcyclohexasiloxane Meets vPvB criteria REACH (1907/2006) Ax XIII

12.6 Other adverse effects:

None known.

SECTION 13: Disposal considerations**13.1 Waste treatment methods:****General information:** The user's attention is drawn to the possible existence of local regulations regarding disposal.**Disposal methods****Disposal instructions:** Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal. Waste of this material should not be mixed with other waste. Provide measures such as vented bungs to ensure pressure relief in the waste container.**Contaminated Packaging:** Contaminated packages should be as empty as possible and equipped with a degassing device. Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal. Recycle following cleaning or dispose of at an authorised site.

SECTION 14: Transport information

This material is not subject to transport regulations.

Other information: Warning Packaging with a breathing/venting bung are FORBIDDEN for transport by air.

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code: Not applicable.

SECTION 15: Regulatory information

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

National Regulations

**Wassergefährdungs-
klasse (WGK):** WGK 1: schwach wassergefährdend.

**Water Hazard Class
(WGK):** WGK 1: slightly water-endangering.

**15.2 Chemical safety
assessment:** No Chemical Safety Assessment has been carried out.

Inventory Status:

Australia AICS:	Not in compliance with the inventory.
Canada DSL Inventory List:	Not in compliance with the inventory.
EINECS, ELINCS or NLP:	On or in compliance with the inventory.
Japan (ENCS) List:	On or in compliance with the inventory.
China Inv. Existing Chemical Substances:	On or in compliance with the inventory.
Korea Existing Chemicals Inv. (KECI):	Not in compliance with the inventory.
Philippines PICCS:	On or in compliance with the inventory.
US TSCA Inventory:	On or in compliance with the inventory.
New Zealand Inventory of Chemicals:	On or in compliance with the inventory.

SECTION 16: Other information

Revision Information: Not relevant.

References

PBT: persistent, bioaccumulative and toxic substance.
vPvB: very persistent and very bioaccumulative substance.

Key abbreviations or acronyms used:

No data available.

**Key literature references and
sources for data:** No data available.

Wording of the H-statements in section 2 and 3

Training information: No data available.

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SDS No.:

Disclaimer: The information given is based on data available for the material, the components of the material, and similar materials. The information is believed to be correct. It is given in good faith. This information should be used to make an independent determination of the methods to safeguard workers and the environment.