RTV 108Q

SAFETY DATA SHEET

Classification (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567

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

1.1 Product identifier

Product name: RTV 108Q

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

Identified uses: Silicone Elastomer
Uses advised against: For industrial use only.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Importer/Distributor Information	:	Basildon Chemical Co. Ltd. a fully-owned affiliate of the Momentive group of companies 7 Kimber Road, Abingdon Oxfordshire, OX14 1RZ United Kingdom
Contact person	:	commercial.services@momentive.com
Telephone	:	General information +390510924300 (Customer Service Centre)
1.4 Emergency telephone number	:	Europe, Israel & All other: +44 (0) 1235239670; Middle East:+44 (0) 1235239671

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 (REGULATION (EC) No 1272/2008) as amended by GB-CLP Regulation, UK SI 2019/720, and UK SI 2020/1567
Not classified

The product is not classified for chronic aquatic toxicity, for further details see section 16

2.2 Label Elements

Not applicable

Supplemental information

EUH210: Safety data sheet available on request.

Additional Information: No data available.

2.3 Other hazards

No data available.

SECTION 3: Composition/information on ingredients

Chemical nature: Silicone sealant

3.2 Mixtures

Chemical name	Concentration	CAS-No.	M-Factor:	Notes
Octamethylcyclotetrasiloxane	1 - <3%	556-67-2	Aquatic Toxicity (Chronic): 10	## ##
1,1,3,3-Disiloxanetetrol, 1,3-dimethyl-, 1,1,3,3-tetraacetate	1 - <3%	17985-00-1	No data available.	
Decamethylcyclopentasiloxane	0,1 - <1%	541-02-6	No data available.	## ##
Dodecamethylcyclohexasiloxane	0,1 - <1%	540-97-6	No data available.	## ##

* 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).
This substance is listed as SVHC.

Classification

Chemical name	Classification	Notes
Octamethylcyclotetrasiloxane	Classification: Flam. Liq.: 3: H226; Repr.: 2: H361f; Aquatic Chronic: 1: H410 Supplemental label information: None known. Specific concentration limit: None known.	None.
1,1,3,3-Disiloxanetetrol, 1,3-dimethyl-, 1,1,3,3-tetraacetate	Classification: Skin Corr.: 1B: H314 Supplemental label information: None known. Specific concentration limit: None known.	None.
Decamethylcyclopentasiloxane	Classification: None known. Supplemental label information: None known. Specific concentration limit: None known.	None.
Dodecamethylcyclohexasiloxane	Classification: None known. Supplemental label information: None known.	None.

	Specific concentration limit: None known.	

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

SECTION 4: First aid measures

4.1 Description of first aid measures

General information: No action shall be taken involving any personal risk or without suitable training.

Inhalation: Move to fresh air. Get medical attention if any discomfort continues.

Skin Contact: Wash skin thoroughly with soap and water. If skin irritation occurs: Get medical advice/attention.

Eye contact: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Ingestion: Drink plenty of water. Do NOT induce vomiting. Get medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms: No data available.

Hazards: No data available.

4.3 Indication of immediate medical attention and special treatment needed

Treatment: No data available.

SECTION 5: Firefighting measures

General Fire Hazards: Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

5.1 Extinguishing media

Suitable extinguishing media: All standard extinguishing agents are suitable.

Unsuitable extinguishing media: Do not use water jet.

5.2 Special hazards arising from the substance or mixture: In case of fire, carbon monoxide and carbon dioxide may be formed. Acute overexposure to the products of combustion may result in irritation of the respiratory tract. Pay attention to the corrosive effects arising from contact with water. Measurements at temperatures above 150°C in presence of air (oxygen) have shown that small amounts of formaldehyde are formed due to oxidative degradation.

5.3 Advice for firefighters

Special fire-fighting procedures: Use water spray to keep fire-exposed containers cool.

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: Caution: Contaminated surfaces may be slippery. Reacts with water liberating small amounts of acetic acid. Use personal protective equipment.

6.1.1 For non-emergency personnel: No data available.

6.1.2 For emergency responders: No data available.

6.2 Environmental Precautions: Do not allow runoff to sewer, waterway or ground.

6.3 Methods and material for containment and cleaning up: Shovel up and place in a container for salvage or disposal.

6.4 Reference to other sections: No data available.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Safe handling advice: Ensure adequate ventilation, especially in confined areas. Avoid contact with eyes, skin, and clothing. Acetic acid is formed during processing. Wear appropriate personal protective equipment.

7.2 Conditions for safe storage, including any incompatibilities

Safe storage conditions: Keep container tightly closed in a cool, well-ventilated place.

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.

Biological Limit Values

No biological exposure limits noted for the ingredient(s).

DNEL-Values

Remarks: DNEL-Values

Critical component	Type	Route of Exposure	Health Warnings	Remarks
Octamethylcyclotetrasiloxane	Consumers	Inhalation	Acute, Systemic Toxicity 305 mg/m3	
	Consumers	Inhalation	Acute, Local 61 mg/m3	
	Consumers	Inhalation	long-term, Systemic Toxicity 305 mg/m3	
	Consumers	Inhalation	long-term, Local 61 mg/m3	

Decamethylcyclopentasiloxane	Workers	Inhalation	Acute, Systemic Toxicity 258 mg/m3	
	Workers	Inhalation	Acute, Local 101 mg/m3	
	Workers	Inhalation	long-term, Systemic Toxicity 405 mg/m3	
	Workers	Inhalation	long-term, Local 101 mg/m3	
	Consumers	Inhalation	Acute, Systemic Toxicity 86 mg/m3	
	Consumers	Inhalation	Acute, Local 21 mg/m3	
	Consumers	Ingestion	long-term, Systemic Toxicity 25 mg/kg bw /day	
	Consumers	Inhalation	long-term, Systemic Toxicity 86 mg/m3	
	Consumers	Inhalation	long-term, Local 21 mg/m3	
Dodecamethylcyclohexasiloxane	Workers	Inhalation	Acute, Systemic Toxicity 98 mg/m3	
	Workers	Inhalation	long-term, Systemic Toxicity 98 mg/m3	
	Consumers	Inhalation	Acute, Systemic Toxicity 29 mg/m3	
	Consumers	Inhalation	long-term, Systemic Toxicity 29 mg/m3	
	Consumers	Ingestion	long-term, Systemic Toxicity 8,3 mg/kg bw /day	
Dibutyltin Dilaurate	Workers	Dermal	Acute, Systemic Toxicity 1 mg/kg bw /day	
	Workers	Inhalation	Acute, Systemic Toxicity 0,07 mg/m3	
	Workers	Dermal	long-term, Systemic Toxicity 0,2 mg/kg bw /day	
	Workers	Inhalation	long-term, Systemic Toxicity 0,01 mg/m3	
	Consumers	Dermal	Acute, Systemic Toxicity 0,5 mg/kg bw /day	
	Consumers	Inhalation	Acute, Systemic Toxicity 0,02 mg/m3	
	Consumers	Ingestion	Acute, Systemic Toxicity 0,01 mg/kg bw /day	
	Consumers	Dermal	long-term, Systemic Toxicity 0,08 mg/kg bw /day	
	Consumers	Inhalation	long-term, Systemic Toxicity 0,003 mg/m3	
	Consumers	Ingestion	long-term, Systemic Toxicity 0,002 mg/kg bw /day	

PNEC-Values

Remarks: PNEC-Values

Critical component	**Environmental compartment**	**PNEC-Values**	**Remarks**
Octamethylcyclotetrasiloxane	Water	0,44 mg/l	
	Seaw ater	0,044 mg/l	
	Sediment	0,128 mg/kg	
	soil	0,16 mg/kg	
	Sew age treatment plant	100 mg/l	
Decamethylcyclopentasiloxane	Water	0,0012 mg/l	
	Seaw ater	0,00012 mg/l	
	Sediment	11 mg/kg	
	soil	3,15 mg/kg	Derived from PNEC(freshw ater) using the equilibrium partitioning method.
	Sew age treatment plant	20 mg/l	

Dodecamethylcyclohexasiloxane	Water	0,0002 mg/l	
	Seaw ater	0,00002 mg/l	
	Intermittent release	1,43 mg/kg	
	Sediment	3,78 mg/kg	
	soil	1 mg/l	
	Sew age treatment plant		
Dibutyltin Dilaurate	Water	0,463 µg/l	
	Seaw ater	0,0463 µg/l	
	Intermittent release	4,63 µg/l	
	freshw ater sediment	0,05 mg/kg	Derived from PNEC(freshw ater) using the equilibrium partitioning method.
	Saltw ater Sediment	0,005 mg/kg	Derived from PNEC(freshw ater) using the equilibrium partitioning method.
	soil	0,0407 mg/kg	
	Sew age treatment plant	100 mg/l	
	Oral	0,2 mg/kg	

8.2 Exposure controls

Appropriate Engineering Controls: Provide adequate general and local exhaust ventilation. Eye washes and showers for emergency use.

Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection: Safety glasses with side-shields conforming to EN166

Hand Protection: Additional Information: There is no risk to health due to contact with the chemical. Use hand protection to prevent mechanically injuries.

Skin and Body Protection: Wear suitable protective clothing and eye/face protection.

Respiratory Protection: When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Respiratory protection mask with Filtertype ABEK

Hygiene measures: Avoid contact with eyes, skin, and clothing. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. When using do not eat, drink or smoke.

Environmental Controls: No data available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state: solid

Form: Paste

Color: Colorless

Odor: Acetic acid.

Odor Threshold: No data available.

Melting Point:	No data available.
Boiling Point:	No data available.
Flammability:	No data available.
Upper/lower limit on flammability or explosive limits	
Explosive limit - upper:	No data available.
Explosive limit - lower:	No data available.
Flash Point:	> 93,3 °C Method: estimated
Auto-ignition temperature:	No data available.
Decomposition Temperature:	No data available.
pH:	No data available.
Viscosity	
Dynamic viscosity:	No data available.
Kinematic viscosity:	> 20,5 mm2/s (40 °C)
Solubility(ies)	
Solubility in Water:	Insoluble
Solubility (other):	Toluene
Partition coefficient (n-octanol/water):	No data available.
Vapor pressure:	No data available.
Relative density:	1,06
Density:	No data available.
Vapor density (air=1):	No data available.

9.2 Other information

Self-ignition:	No data available.
Evaporation Rate:	No data available.
Miscible (water):	non miscible (<10%)
Sublimation Point:	No data available.

SECTION 10: Stability and reactivity

10.1	**Reactivity:**	No data available.
10.2	**Chemical Stability:**	Material is stable under normal conditions.
10.3	**Possibility of hazardous reactions:**	Hazardous polymerization does not occur.
10.4	**Conditions to avoid:**	Reacts with water liberating small amounts of acetic acid.
10.5	**Incompatible Materials:**	No data available.

10.6 Hazardous Decomposition Products: Measurements at temperatures above 150°C in presence of air (oxygen) have shown that small amounts of formaldehyde are formed due to oxidative degradation.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Inhalation: No data available.

Skin Contact: No data available.

Eye contact: No data available.

Ingestion: No data available.

Acute toxicity (list all possible routes of exposure)

Oral

Product:	Not classified for acute toxicity based on available data.
Components:	
Octamethylcyclotetrasiloxane	LD 50, Rat, > 4.800 mg/kg, OECD-Guideline 401 (Acute Oral Toxicity), Not classified
1,1,3,3-Disiloxanetetrol, 1,3-dimethyl-, 1,1,3,3-tetraacetate	No data available.
Decamethylcyclopentasiloxane	No data available.
Dodecamethylcyclohexasiloxane	No data available.

Dermal

Product:	Not classified for acute toxicity based on available data.
Components:	
Octamethylcyclotetrasiloxane	LD 50, Rat, > 2.375 mg/kg, OECD Test Guideline 402, Not classified
1,1,3,3-Disiloxanetetrol, 1,3-dimethyl-, 1,1,3,3-tetraacetate	No data available.
Decamethylcyclopentasiloxane	No data available.
Dodecamethylcyclohexasiloxane	No data available.

Inhalation

Product:	Not classified for acute toxicity based on available data.
Components:	
Octamethylcyclotetrasiloxane	LC50, Rat, male and female, 4 h, 36 mg/l, Aerosol, OECD Test Guideline 403, Not classified
1,1,3,3-Disiloxanetetrol, 1,3-dimethyl-, 1,1,3,3-tetraacetate	No data available.
Decamethylcyclopentasiloxane	No data available.
Dodecamethylcyclohexasiloxane	No data available.

Repeated dose toxicity

Product:	No data available.
Components:	
Octamethylcyclotetrasiloxane	No data available.
1,1,3,3-Disiloxanetetrol, 1,3-dimethyl-, 1,1,3,3-tetraacetate	No data available.
Decamethylcyclopentasiloxane	No data available.
Dodecamethylcyclohexasiloxane	No data available.

Skin Corrosion/Irritation

Product:	Not irritating
Components:	
Octamethylcyclotetrasiloxane	OECD Test Guideline 404, Rabbit, Non irritating
1,1,3,3-Disiloxanetetrol, 1,3-dimethyl-, 1,1,3,3-tetraacetate	No data available.
Decamethylcyclopentasiloxane	No data available.
Dodecamethylcyclohexasiloxane	No data available.

Serious Eye Damage/Eye Irritation

Product:	Not irritating
Components:	
Octamethylcyclotetrasiloxane	OECD-Guideline 405 (Acute Eye Irritation/Corrosion), Rabbit, Non irritating
1,1,3,3-Disiloxanetetrol, 1,3-dimethyl-, 1,1,3,3-tetraacetate	No data available.
Decamethylcyclopentasiloxane	No data available.
Dodecamethylcyclohexasiloxane	No data available.

Respiratory or Skin Sensitization

Product:	No data available.
Components:	
Octamethylcyclotetrasiloxane	Maximisation Test, OECD-Guideline 406 (Skin Sensitisation), Guinea Pig, Not sensitizing
1,1,3,3-Disiloxanetetrol, 1,3-dimethyl-, 1,1,3,3-tetraacetate	No data available.
Decamethylcyclopentasiloxane	No data available.
Dodecamethylcyclohexasiloxane	No data available.

Carcinogenicity

Product:	No data available.
Components:	

Octamethylcyclotetrasiloxane	Inhalation
1,1,3,3-Disiloxanetetrol, 1,3-dimethyl-, 1,1,3,3-tetraacetate	No data available.
Decamethylcyclopentasiloxane	No data available.
Dodecamethylcyclohexasiloxane	No data available.

Germ Cell Mutagenicity

In vitro

Product:	No data available.
Components:	
Octamethylcyclotetrasiloxane	Ames-Test, OECD-Guideline 471: , negative (not mutagenic) Mouse Lymphoma Assay (OECD Guidline 476): , negative (not mutagenic)
1,1,3,3-Disiloxanetetrol, 1,3-dimethyl-, 1,1,3,3-tetraacetate	No data available.
Decamethylcyclopentasiloxane	No data available.
Dodecamethylcyclohexasiloxane	No data available.

In vivo

Product:	No data available.
Components:	
Octamethylcyclotetrasiloxane	Chromosomal aberration, OECD 475, Inhalation, Rat, male and female, negative Dominant lethal assay, OECD 478, Oral, Rat, male and female, negative
1,1,3,3-Disiloxanetetrol, 1,3-dimethyl-, 1,1,3,3-tetraacetate	No data available.
Decamethylcyclopentasiloxane	No data available.
Dodecamethylcyclohexasiloxane	No data available.

Reproductive toxicity

Product:	No data available.
Components:	
Octamethylcyclotetrasiloxane	No data available.
1,1,3,3-Disiloxanetetrol, 1,3-dimethyl-, 1,1,3,3-tetraacetate	No data available.
Decamethylcyclopentasiloxane	No data available.
Dodecamethylcyclohexasiloxane	No data available.

Specific Target Organ Toxicity - Single Exposure

Product:	No data available.

Components:

Octamethylcyclotetrasiloxane	No data available.
1,1,3,3-Disiloxanetetrol, 1,3-dimethyl-, 1,1,3,3-tetraacetate	No data available.
Decamethylcyclopentasiloxane	No data available.
Dodecamethylcyclohexasiloxane	No data available.

Specific Target Organ Toxicity - Repeated Exposure

Product:	No data available.
Components:	
Octamethylcyclotetrasiloxane	No data available.
1,1,3,3-Disiloxanetetrol, 1,3-dimethyl-, 1,1,3,3-tetraacetate	No data available.
Decamethylcyclopentasiloxane	No data available.
Dodecamethylcyclohexasiloxane	No data available.

Aspiration Hazard

Product:	No data available.
Components:	
Octamethylcyclotetrasiloxane	No data available.
1,1,3,3-Disiloxanetetrol, 1,3-dimethyl-, 1,1,3,3-tetraacetate	No data available.
Decamethylcyclopentasiloxane	No data available.
Dodecamethylcyclohexasiloxane	No data available.

11.2 Information on other hazards

Other information

Product: No data available.

Additional toxicological Information under the conditions of use:

No data available.

SECTION 12: Ecological information

12.1 Toxicity:

Toxicity to Aquatic Plants

Product:	No data available.
Components:	
Octamethylcyclotetrasiloxane	ErC50, Selenastrum capricornutum, 96 h, >, 0,022 mg/l, No toxicity at the limit of solubility
1,1,3,3-Disiloxanetetrol,	No data available.

1,3-dimethyl-, 1,1,3,3-tetraacetate	
Decamethylcyclopentasiloxane	No data available.
Dodecamethylcyclohexasiloxane	EC50, Algae (Pseudokirchneriella subcapitata), 72 h, >, 0,002 mg/l, OECD Test Guideline 201, No effects at the limit of solubility. NOEC, Algae (Pseudokirchneriella subcapitata), 72 h, >=, 0,002 mg/l, OECD Test Guideline 201, No effects at the limit of solubility.

Toxicity to microorganisms

Product:	No data available.
Components:	
Octamethylcyclotetrasiloxane	No data available.
1,1,3,3-Disiloxanetetrol, 1,3-dimethyl-, 1,1,3,3-tetraacetate	No data available.
Decamethylcyclopentasiloxane	No data available.
Dodecamethylcyclohexasiloxane	EC50, activated sludge (adaptation not specified), 3 h, >, 100 mg/l, OECD-Guideline No. 209

Acute hazards to the aquatic environment:

Fish

Product:	No data available.
Components:	
Octamethylcyclotetrasiloxane	LC50, Oncorhynchus mykiss, 96 h, >, 0,022 mg/l, No toxicity at the limit of solubility
1,1,3,3-Disiloxanetetrol, 1,3-dimethyl-, 1,1,3,3-tetraacetate	No data available.
Decamethylcyclopentasiloxane	No data available.
Dodecamethylcyclohexasiloxane	No data available.

Aquatic Invertebrates

Product:	EC50, Daphnia magna, 48 h, >, 0,015 mg/l
Components:	
Octamethylcyclotetrasiloxane	EC50, Daphnia magna, 48 h, >, 0,015 mg/l, No toxicity at the limit of solubility
1,1,3,3-Disiloxanetetrol, 1,3-dimethyl-, 1,1,3,3-tetraacetate	No data available.
Decamethylcyclopentasiloxane	No data available.
Dodecamethylcyclohexasiloxane	No data available.

Chronic hazards to the aquatic environment:

Fish

Product:	LC50, Oncorhynchus mykiss, 14 d, 0,01 mg/l
Components:	
Octamethylcyclotetrasilox	NOEC, Oncorhynchus mykiss, 93 d, >=, 0,0044 mg/l, No toxicity at the

ane	limit of solubility
1,1,3,3-Disiloxanetetrol, 1,3-dimethyl-, 1,1,3,3-tetraacetate	No data available.
Decamethylcyclopentasiloxane	No data available.
Dodecamethylcyclohexasiloxane	NOEC, Oncorhynchus mykiss, 91 d, 0,014 mg/l, No toxicity at the limit of solubility

Aquatic Invertebrates

Product:	EC50, Daphnia magna, 21 d, >, 0,015 mg/l
Components:	
Octamethylcyclotetrasiloxane	NOEC, Daphnia magna, 21 d, >, 0,015 mg/l, No toxicity at the limit of solubility
1,1,3,3-Disiloxanetetrol, 1,3-dimethyl-, 1,1,3,3-tetraacetate	No data available.
Decamethylcyclopentasiloxane	No data available.
Dodecamethylcyclohexasiloxane	NOEC, Daphnia magna, 21 d, 0,0046 mg/l, No toxicity at the limit of solubility EC50, Sediment Invertebrate, 28 d, >, 420 mg/l LOEC, Sediment Invertebrate, 28 d, >=, 420 mg/l

12.2 Persistence and Degradability

Biodegradation

Product:	No data available.
Components:	
Octamethylcyclotetrasiloxane	3,7 %, 29 d, 310 Ready Biodegradability - CO_2 in Sealed Vessels (Headspace Test), Not readily biodegradable., Persistent
1,1,3,3-Disiloxanetetrol, 1,3-dimethyl-, 1,1,3,3-tetraacetate	No data available.
Decamethylcyclopentasiloxane	No data available.
Dodecamethylcyclohexasiloxane	No data available.

12.3 Bioaccumulative potential

Bioconcentration Factor (BCF)

Product:	No data available.
Components:	
Octamethylcyclotetrasiloxane	12.400
1,1,3,3-Disiloxanetetrol, 1,3-dimethyl-, 1,1,3,3-tetraacetate	No data available.
Decamethylcyclopentasiloxane	No data available.
Dodecamethylcyclohexasiloxane	No data available.

Partition Coefficient n-octanol / water (log Kow)

Product:	No data available.
Components:	
Octamethylcyclotetrasiloxane	No data available.
1,1,3,3-Disiloxanetetrol, 1,3-dimethyl-, 1,1,3,3-tetraacetate	No data available.
Decamethylcyclopentasiloxane	No data available.
Dodecamethylcyclohexasiloxane	No data available.

12.4 Mobility in soil:

Product:	No data available.
Components:	
Octamethylcyclotetrasiloxane	No data available.
1,1,3,3-Disiloxanetetrol, 1,3-dimethyl-, 1,1,3,3-tetraacetate	No data available.
Decamethylcyclopentasiloxane	No data available.
Dodecamethylcyclohexasiloxane	No data available.

12.5 Results of PBT and vPvB assessment:

Product:	No data available.
Components:	
Octamethylcyclotetrasiloxane	This substance is not considered to be persistent, bioaccumulating and toxic (PBT)., This substance is not considered to be very persistent and very bioaccumulating (vPvB).
1,1,3,3-Disiloxanetetrol, 1,3-dimethyl-, 1,1,3,3-tetraacetate	No data available.
Decamethylcyclopentasiloxane	This substance is not considered to be persistent, bioaccumulating and toxic (PBT)., This substance is not considered to be very persistent and very bioaccumulating (vPvB).
Dodecamethylcyclohexasiloxane	This substance is not considered to be persistent, bioaccumulating and toxic (PBT)., This substance is not considered to be very persistent and very bioaccumulating (vPvB).

12.6 Other adverse effects:

Other hazards

Product:	No data available.
Additional Information:	Ecotoxicological data for this product is not available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

General information:	The generation of waste should be avoided or minimized wherever possible. See Section 8 for information on appropriate personal protective equipment. Do not discharge into drains, water courses or onto the ground.
Disposal methods:	Can be incinerated when in compliance with local regulations.
Contaminated Packaging:	Dispose of as unused product.

SECTION 14: Transport information

ADR

Not Regulated.

ADN

Not Regulated.

RID

Not Regulated.

IATA

Not Regulated.

IMDG Code

Not Regulated.

14.6 Special precautions for user: This product is not regarded as dangerous goods according to the national and international regulations on the transport of dangerous goods. Keep away from food, foodstuff, acids and bases.

14.7 Maritime transport in bulk according to IMO instruments

Product is not transported in bulk.

SECTION 15: Regulatory information

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

UK. REACH, Annex XIV, Substances Subject to Authorization (Authorization List), as amended: None present or none present in regulated quantities.

UK. UK REACH Candidate List of substances of very high concern (SVHCs) for Authorisation:

Chemical name	CAS-No.	Concentration	Additional Information

Octamethylcyclotetrasiloxane	556-67-2	1,0 - 10%	very Persistent and very Bioaccumulative (article 57e)Persistent, Bioaccumulative and Toxic (article 57d)
Decamethylcyclopentasiloxane	541-02-6	0,1 - 1,0%	Persistent, Bioaccumulative and Toxic (article 57d)very Persistent and very Bioaccumulative (article 57e)
Dodecamethylcyclohexasiloxane	540-97-6	0,1 - 1,0%	very Persistent and very Bioaccumulative (article 57e)Persistent, Bioaccumulative and Toxic (article 57d)

UK. Great Britain Assimilated Regulation (EU) 2019/1021 on Persistent Organic Pollutants, as amended: None present or none present in regulated quantities.

Regulation 2024/590/EC on substances that deplete the ozone layer, Annex I, Controlled Substances: None present or none present in regulated quantities.

Regulation 2024/590/EC on substances that deplete the ozone layer, Annex II, New Substances: None present or none present in regulated quantities.

UK EXP1: UK. GB PIC List, Regulation (EU) 649/2012 as amended by EU Exit Regulations S.I. 2019/720 and S.I. 2020/1567, as amended: None present or none present in regulated quantities.

UK EXP2: UK. GB PIC List, Regulation (EU) 649/2012 as amended by EU Exit Regulations S.I. 2019/720 and S.I. 2020/1567, as amended: None present or none present in regulated quantities.

UK EXP3: UK. GB PIC List, Regulation (EU) 649/2012 as amended by EU Exit Regulations S.I. 2019/720 and S.I. 2020/1567, as amended: None present or none present in regulated quantities.

UK BAN: UK. GB PIC List, Regulation (EU) 649/2012 as amended by EU Exit Regulations S.I. 2019/720 and S.I. 2020/1567, as amended: None present or none present in regulated quantities.

EU. REACH Annex XVII, Substances subject to restriction on marketing and use:

Chemical name	CAS-No.	Number on list
Octamethylcyclotetrasiloxane	556-67-2	70
Decamethylcyclopentasiloxane	541-02-6	70
Acetic acid	64-19-7	40, 3
Acetic Anhydride	108-24-7	3, 40
Dibutyltin Dilaurate	77-58-7	30, 30
Dibutyltin-bis-(2-ethylhexanoate)	2781-10-4	20, 3, 30, 20

EU. Directive 2012/18/EU on major accident hazards involving dangerous substances, Annex I, as amended: None present or none present in regulated quantities.

National Regulations

Take note of The Management of Health and Safety at Work Regulations 1999 (requirements relating to protection of young people at work contained in Regulation 19) and of Directive 94/33/EC on the protection of young people at work.

International regulations

Montreal protocol
Not applicable

Stockholm convention
Not applicable

Rotterdam convention
Not applicable

Kyoto protocol
Not applicable

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

Inventory Status

Australia Industrial Chem. Act (AIIC):	On or in compliance with the inventory	Remarks: None.
Canada DSL Inventory List:	Q (quantity restricted)	Remarks: None.
Canada NDSL Inventory:	Not in compliance with the inventory.	Remarks: None.
China Inv. Existing Chemical Substances:	On or in compliance with the inventory	Remarks: None.
Japan (ENCS) List:	On or in compliance with the inventory	Remarks: None.
Korea Existing Chemicals Inv. (KECI):	On or in compliance with the inventory	Remarks: None.
New Zealand Inventory of Chemicals:	On or in compliance with the inventory	Remarks: None.
Philippines PICCS:	On or in compliance with the inventory	Remarks: None.
Taiwan Chemical Substance Inventory:	On or in compliance with the inventory	Remarks: None.
US TSCA Inventory:	On or in compliance with the inventory	Remarks: None.

SECTION 16: Other information

Date of first report version: 10.10.2025

Generation date: 24.02.2026

Version #: 1.1

Revision Information: Not relevant.

Key literature references and sources for data: The partition coefficient of D4 between PDMS and water has been determined as log KPDMS-water =7.09. It follows that PDMS containing up to 3%w/w D4 will generate a thermodynamic limit concentration of 2.4 µg D4/L in the water phase. The critical 21d-NOEC for daphnia of 7.9 µg D4/L will not be reached. The product is therefore not classified for chronic aquatic toxicity

Wording of the statements in section 2 and 3

H226	Flammable liquid and vapor.
H361f	Suspected of damaging fertility.
H410	Very toxic to aquatic life with long lasting effects.
EUH210	Safety data sheet available on request.

Training information: No data available.

Disclaimer: This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.