Snow Seal

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878
Product Reference code:WP33
Issue date: 26/06/2019 Revision date: 27/08/2024 Supersedes version of: 29/04/2024 Version: 3.0

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

1.1. Product identifier

Product form : Mixture
Trade name : Snow Seal
UFI : R22C-XFWW-100T-6S1J
Product code : WP33

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

Relevant identified uses

Intended for general public
Use of the substance/mixture : Vehicle cleaning/vehicle care product
Function or use category : Cleaning/washing agents and additives

1.3. Details of the supplier of the safety data sheet

Manufacturer
ValetPRO Limited
Unit A1, Eastside Business Park
Beach Road
BN9 0FB Newhaven
United Kingdom
T +44 (0) 1323 287980
sds@valetpro.global, www.valetpro.global

Legal entity
WrenChem Services
Ground Floor, 71 Lower Baggot Street
IE D02 P593 Dublin, Co. Dublin
Ireland
T +353 1 906 1438
sds@wrenchemservices.com

1.4. Emergency telephone number

Emergency number : +44(0)1323 287980
Office hours in English only

Country/Area	Organisation/Company	Address	Emergency number	Comment
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH Birmingham	0344 892 0111	Only for healthcare professionals

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Skin corrosion/irritation, Category 2	H315
Serious eye damage/eye irritation, Category 1	H318
Hazardous to the aquatic environment – Chronic Hazard, Category 3	H412

Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

Causes skin irritation. Causes serious eye damage. Harmful to aquatic life with long lasting effects.

2.2. Label elements

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

Hazard pictograms (CLP) :

GHS05

Signal word (CLP)	:	Danger
Contains	:	Siloxanes and Silicones, 3-[(2-aminoethyl)amino]propyl Me, di-Me
Hazard statements (CLP)	:	H315 - Causes skin irritation. H318 - Causes serious eye damage. H412 - Harmful to aquatic life with long lasting effects.
Precautionary statements (CLP)	:	P101 - If medical advice is needed, have product container or label at hand. P102 - Keep out of reach of children. P264 - Wash hands thoroughly after handling. P280 - Wear eye protection, protective gloves. P305+P351+P338+P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor. P501 - Dispose of contents and container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
EUH-statements	:	EUH208 - Contains 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one. May produce an allergic reaction.

2.3. Other hazards

Contains PBTvPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

Component	
Substance(s) meeting the PBT criteria of REACH regulation, in accordance with Annex XIII	octamethylcyclotetrasiloxane; [D4] (556-67-2), CYCLOPENTASILOXANE (541-02-6), Dodecamethylcyclohexasiloxane (540-97-6)
Substance(s) meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII	octamethylcyclotetrasiloxane; [D4] (556-67-2), CYCLOPENTASILOXANE (541-02-6), Dodecamethylcyclohexasiloxane (540-97-6)

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or substance(s) are not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

Component	
Substance(s) not included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605	octamethylcyclotetrasiloxane; [D4] (556-67-2), CYCLOPENTASILOXANE (541-02-6), Dodecamethylcyclohexasiloxane (540-97-6)

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
2-butoxyethanol; ethylene glycol monobutyl ether substance with national workplace exposure limit(s) (GB); substance with a Community workplace exposure limit	CAS-No.: 111-76-2 EC-No.: 203-905-0 EC Index-No.: 603-014-00-0 REACH-no: 01-2119475108-36	10 – 15	Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Inhalation), H331 Skin Irrit. 2, H315 Eye Irrit. 2, H319
Siloxanes and Silicones, 3-[(2-aminoethyl)amino]propyl Me, di-Me	CAS-No.: 71750-79-3	4 – 10	Skin Irrit. 2, H315 Eye Dam. 1, H318
Isotridecanol ethoxylated	CAS-No.: 9043-30-5 EC-No.: 500-027-2	0.5 – 2	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
C9-11 PARETH-8	CAS-No.: 68439-46-3	0.1 – 2	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
Acetic acid substance with national workplace exposure limit(s) (GB); substance with a Community workplace exposure limit	CAS-No.: 64-19-7 EC-No.: 200-580-7 EC Index-No.: 607-002-00-6 REACH-no: 01-2119475328-30	1 – 2	Flam. Liq. 3, H226 Skin Corr. 1A, H314
octamethylcyclotetrasiloxane; [D4] substance listed on REACH Candidate List (Octamethylcyclotetrasiloxane) PBT substance; vPvB substance	CAS-No.: 556-67-2 EC-No.: 209-136-7 EC Index-No.: 014-018-00-1 REACH-no: 01-2119529238-36	0.05 – 0.5	Repr. 2, H361f Aquatic Chronic 1, H410 (M=10)
CYCLOPENTASILOXANE substance listed on REACH Candidate List (Decamethylcyclopentasiloxane) PBT substance; vPvB substance	CAS-No.: 541-02-6 EC-No.: 208-764-9	0.01 – 0.5	Not classified
Dodecamethylcyclohexasiloxane substance listed on REACH Candidate List PBT substance; vPvB substance	CAS-No.: 540-97-6 EC-No.: 208-762-8 REACH-no: 01-2119517435-42	0.01 – 0.5	Not classified
1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one	CAS-No.: 2634-33-5 EC-No.: 220-120-9 EC Index-No.: 613-088-00-6	0.01 – 0.03	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400

Specific concentration limits: see section 16
Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : If you feel unwell, seek medical advice.
First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.
First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
First-aid measures after ingestion : Call a poison center or a doctor if you feel unwell.
First-aid measures for first aider : First aid workers will be equipped with suitable personal protective equipment.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects after inhalation : Although no appropriate human or animal health effects data are known to exist, this material is expected to be an inhalation hazard.
Symptoms/effects after skin contact : Irritation.
Symptoms/effects after eye contact : Serious damage to eyes.
Symptoms/effects after ingestion : None under normal conditions.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard : No fire hazard.
Explosion hazard : No direct explosion hazard.
Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Advice for firefighters

Firefighting instructions : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection.
Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage.

For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.
Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes.

For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures : Evacuate unnecessary personnel. Stop leak if safe to do so.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment : Absorb spilled material with sand or earth. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible.
Methods for cleaning up : Take up liquid spill into absorbent material.
Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Not expected to present a significant hazard under anticipated conditions of normal use.
Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin and eyes. Wear personal protective equipment.
Hygiene measures : Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Keep in a cool, well-ventilated place away from heat.
Storage conditions : Keep cool. Protect from sunlight.

Packaging materials : Store always product in container of same material as original container.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

National occupational exposure and biological limit values

Acetic acid (64-19-7)	
EU - Indicative Occupational Exposure Limit (IOEL)	
Local name	Acetic acid
IOEL TWA	25 mg/m³
	10 ppm
United Kingdom - Occupational Exposure Limits	
Local name	Acetic acid
WEL TWA (OEL TWA)	25 mg/m³
	10 ppm
WEL STEL (OEL STEL)	50 mg/m³
	20 ppm
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

2-butoxyethanol; ethylene glycol monobutyl ether (111-76-2)	
EU - Indicative Occupational Exposure Limit (IOEL)	
Local name	2-Butoxyethanol
IOEL TWA	98 mg/m³
	20 ppm
IOEL STEL	246 mg/m³
	50 ppm
United Kingdom - Occupational Exposure Limits	
Local name	2-Butoxyethanol
WEL TWA (OEL TWA)	123 mg/m³
	25 ppm
WEL STEL (OEL STEL)	246 mg/m³
	50 ppm
Remark	Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity)
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE
United Kingdom - Biological limit values	
Local name	2-Butoxyethanol
BMGV	240 mmol/mol Creatinine Parameter: butoxyacetic acid - Medium: urine - Sampling time: Post shift
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

8.2. Exposure controls

Appropriate engineering controls

Appropriate engineering controls:
Ensure good ventilation of the work station.

Personal protection equipment

Personal protective equipment:
Wear recommended personal protective equipment.
Personal protective equipment symbol(s):

Eye and face protection

Eye protection:
Safety glasses

Eye protection			
Type	**Field of application**	**Characteristics**	**Standard**
Safety goggles	Droplet		EN 166

Skin protection

Skin and body protection:
Wear suitable protective clothing

Hand protection:
protective gloves

Hand protection					
Type	**Material**	**Permeation**	**Thickness (mm)**	**Penetration**	**Standard**
Disposable gloves	Nitrile rubber (NBR)	2 (> 30 minutes)			EN ISO 374

Respiratory protection

Respiratory protection:
In case of insufficient ventilation, wear suitable respiratory equipment

Environmental exposure controls

Environmental exposure controls:
Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	Liquid
Colour	:	dark blue.
Odour	:	characteristic.
Odour threshold	:	Not available
Melting point	:	Not applicable
Freezing point	:	Not available
Boiling point	:	Not available
Flammability	:	Non flammable.
Lower explosion limit	:	Not available
Upper explosion limit	:	Not available
Flash point	:	> 92 °C
Auto-ignition temperature	:	Not available
Decomposition temperature	:	Not available

pH	:	3 – 4
Viscosity, kinematic	:	Not available
Solubility	:	Not available
Partition coefficient n-octanol/water (Log Kow)	:	Not available
Vapour pressure	:	Not available
Vapour pressure at 50°C	:	Not available
Density	:	Not available
Relative density	:	Not available
Relative vapour density at 20°C	:	Not available
Particle characteristics	:	Not applicable

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral)	:	Not classified
Acute toxicity (dermal)	:	Not classified
Acute toxicity (inhalation)	:	Not classified

Acetic acid (64-19-7)	
LD50 oral rat	3310 mg/kg bodyweight
LD50 oral	4960 mg/kg bodyweight mouse

1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one (2634-33-5)	
LD50 oral rat	25 mg/kg bodyweight NOAEL (oral, rat, 90 days)
LD50 dermal rat	> 2000 mg/kg bodyweight (OECD 402 method)

2-butoxyethanol; ethylene glycol monobutyl ether (111-76-2)	
LD50 oral rat	> 470 mg/kg bodyweight
LD50 oral	1414 mg/kg bodyweight (OECD 401 method)
LC50 Inhalation - Rat (Vapours)	> 5.2 mg/l/4h

octamethylcyclotetrasiloxane; [D4] (556-67-2)	
LD50 oral rat	> 4800 mg/kg bodyweight (OECD 401 method)
LC50 Inhalation - Rat	36 mg/l air (OECD 403 method)
LC50 Inhalation - Rat (Dust/Mist)	36 mg/l/4h

CYCLOPENTASILOXANE (541-02-6)	
LD50 oral rat	> 5000 mg/kg bodyweight (OECD 401 method)
LD50 dermal rabbit	> 2000 mg/kg bodyweight (OECD 402 method)
LC50 Inhalation - Rat	8.67 mg/l air (OECD 403 method)

Dodecamethylcyclohexasiloxane (540-97-6)	
LD50 oral rat	> 2000 mg/kg bodyweight (OECD 423 method)
LD50 dermal rat	> 2000 mg/kg bodyweight (OECD 402 method)

Skin corrosion/irritation : Causes skin irritation.
pH: 3 – 4

Serious eye damage/irritation : Causes serious eye damage.
pH: 3 – 4

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one (2634-33-5)	
NOAEL (animal/female, F0/P)	112 mg/kg bodyweight
NOAEL (animal/female, F1)	56.6 mg/kg bodyweight

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

Acetic acid (64-19-7)	
NOAEL (oral, rat, 90 days)	290 mg/kg bodyweight

2-butoxyethanol; ethylene glycol monobutyl ether (111-76-2)	
NOAEL (dermal, rat/rabbit, 90 days)	> 150 mg/kg bodyweight (OECD 411 method)

CYCLOPENTASILOXANE (541-02-6)	
NOAEL (oral, rat, 90 days)	≥ 1000 mg/kg bodyweight (OECD 408 method)
NOAEL (dermal, rat/rabbit, 90 days)	≥ 1600 mg/kg bodyweight (OECD 410 method)

Dodecamethylcyclohexasiloxane (540-97-6)	
NOAEL (oral, rat, 90 days)	1000 mg/kg bodyweight (OECD 422 method)

Aspiration hazard : Not classified

Acetic acid (64-19-7)	
Viscosity, kinematic	1015.385 mm²/s

octamethylcyclotetrasiloxane; [D4] (556-67-2)	
Viscosity, kinematic	1.6 mm²/s 20°C

CYCLOPENTASILOXANE (541-02-6)	
Viscosity, kinematic	3.7 mm²/s

Dodecamethylcyclohexasiloxane (540-97-6)	
Viscosity, kinematic	5.6 mm²/s

11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Harmful to aquatic life with long lasting effects.
Hazardous to the aquatic environment, short–term (acute) : Not classified
Hazardous to the aquatic environment, long–term (chronic) : Harmful to aquatic life with long lasting effects.

Acetic acid (64-19-7)	
LC50 - Fish [1]	> 1000 mg/l Oncorhynchus mykiss (Rainbow trout)
LC50 - Fish [2]	> 300.82 mg/l Oncorhynchus mykiss (Rainbow trout)
EC50 - Crustacea [1]	> 1000 mg/l Daphnia magna (Water flea)
EC50 - Crustacea [2]	> 300.82 mg/l Daphnia magna (Water flea)
EC50 72h - Algae [1]	> 1000 mg/l Skeletonema costatum (marine diatom)
EC50 72h - Algae [2]	> 300.82 mg/l Skeletonema costatum (marine diatom)

1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one (2634-33-5)	
LC50 - Fish [1]	≈ 16.7 mg/l Cyprinodon variegatus (sheepshead minnow)
LC50 - Fish [2]	2.15 mg/l Oncorhynchus mykiss (Rainbow trout)
EC50 - Crustacea [1]	2.94 mg/l Daphnia magna (Water flea)
EC50 - Crustacea [2]	2.9 mg/l Daphnia magna (Water flea)
EC50 72h - Algae [1]	0.37 mg/l
NOEC chronic algae	0.8 mg/l

2-butoxyethanol; ethylene glycol monobutyl ether (111-76-2)	
LC50 - Fish [1]	1474 mg/l Oncorhynchus mykiss (Rainbow trout)
EC50 - Crustacea [1]	≈ 1800 mg/l Daphnia magna (Water flea)
EC50 72h - Algae [1]	911 mg/l
NOEC (chronic)	100 mg/l Daphnia magna (Water flea)
NOEC chronic fish	≥ 100 mg/l Oryzias latipes (Ricefish)

octamethylcyclotetrasiloxane; [D4] (556-67-2)	
LC50 - Fish [1]	> 22 µg/l Oncorhynchus mykiss (Rainbow trout)
EC50 - Crustacea [1]	> 15 µg/l Daphnia magna (Water flea)

CYCLOPENTASILOXANE (541-02-6)	
LC50 - Fish [1]	> 16 µg/l Oncorhynchus mykiss (Rainbow trout)
EC50 - Crustacea [1]	> 2.9 µg/l Daphnia magna (Water flea)

12.2. Persistence and degradability

Snow Seal	
Persistence and degradability	Rapidly degradable

Acetic acid (64-19-7)	
Persistence and degradability	Rapidly degradable

1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one (2634-33-5)	
Persistence and degradability	Readily biodegradable.

2-butoxyethanol; ethylene glycol monobutyl ether (111-76-2)	
Persistence and degradability	Rapidly degradable

octamethylcyclotetrasiloxane; [D4] (556-67-2)	
Persistence and degradability	Rapidly degradable
Biodegradation	3.7 %

CYCLOPENTASILOXANE (541-02-6)	
Persistence and degradability	Rapidly degradable
Biodegradation	0.14 %

Dodecamethylcyclohexasiloxane (540-97-6)	
Persistence and degradability	Rapidly degradable

Isotridecanol ethoxylated (9043-30-5)	
Persistence and degradability	Rapidly degradable

Siloxanes and Silicones, 3-[(2-aminoethyl)amino]propyl Me, di-Me (71750-79-3)	
Persistence and degradability	Rapidly degradable

C9-11 PARETH-8 (68439-46-3)	
Persistence and degradability	Rapidly degradable

12.3. Bioaccumulative potential

1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one (2634-33-5)	
Partition coefficient n-octanol/water (Log Pow)	1.3

octamethylcyclotetrasiloxane; [D4] (556-67-2)	
Bioconcentration factor (BCF REACH)	> 3000
Partition coefficient n-octanol/water (Log Pow)	6.9

CYCLOPENTASILOXANE (541-02-6)	
BCF - Fish [1]	100 – 3000
Partition coefficient n-octanol/water (Log Pow)	5.2

12.4. Mobility in soil

octamethylcyclotetrasiloxane; [D4] (556-67-2)	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	> 5000

CYCLOPENTASILOXANE (541-02-6)	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	> 5000 estimated

12.5. Results of PBT and vPvB assessment

Component	
Substance(s) meeting the PBT criteria of REACH regulation, in accordance with Annex XIII	octamethylcyclotetrasiloxane; [D4] (556-67-2), CYCLOPENTASILOXANE (541-02-6), Dodecamethylcyclohexasiloxane (540-97-6)
Substance(s) meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII	octamethylcyclotetrasiloxane; [D4] (556-67-2), CYCLOPENTASILOXANE (541-02-6), Dodecamethylcyclohexasiloxane (540-97-6)

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional waste regulation : Disposal must be done according to official regulations.
Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations : Disposal must be done according to official regulations.
Product/Packaging disposal recommendations : Disposal must be done according to official regulations.
Additional information : Do not re-use empty containers.
European List of Waste (LoW, EC 2000/532) : 20 01 29* - detergents containing dangerous substances

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

14.1. UN number or ID number

UN-No. (ADR) : Not applicable
UN-No. (IMDG) : Not applicable
UN-No. (IATA) : Not applicable
UN-No. (ADN) : Not applicable
UN-No. (RID) : Not applicable

14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not applicable
Proper Shipping Name (IMDG) : Not applicable
Proper Shipping Name (IATA) : Not applicable
Proper Shipping Name (ADN) : Not applicable
Proper Shipping Name (RID) : Not applicable

14.3. Transport hazard class(es)

ADR
Transport hazard class(es) (ADR) : Not applicable

IMDG
Transport hazard class(es) (IMDG) : Not applicable

IATA
Transport hazard class(es) (IATA) : Not applicable

ADN

Transport hazard class(es) (ADN) : Not applicable

RID

Transport hazard class(es) (RID) : Not applicable

14.4. Packing group

Packing group (ADR) : Not applicable
Packing group (IMDG) : Not applicable
Packing group (IATA) : Not applicable
Packing group (ADN) : Not applicable
Packing group (RID) : Not applicable

14.5. Environmental hazards

Other information : No supplementary information available

14.6. Special precautions for user

Overland transport

Not applicable

Transport by sea

Not applicable

Air transport

Not applicable

Inland waterway transport

Not applicable

Rail transport

Not applicable

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

EU-Regulations

REACH Annex XVII (Restriction List)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains substance(s) listed on the REACH Candidate List in concentrations ≥ 0.1 % or SCL: Octamethylcyclotetrasiloxane (EC 209-136-7, CAS 556-67-2), Decamethylcyclopentasiloxane (EC 208-764-9, CAS 541-02-6), Dodecamethylcyclohexasiloxane (EC 208-762-8, CAS 540-97-6)

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

Dual-Use Regulation (428/2009)

Contains no substance subject to the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.

Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

National regulations

United Kingdom

British National Regulations : Hazardous Waste (England and Wales) Regulations 2005.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes		
Section	**Changed item**	**Comments**
	Revision date	**Modified**
	Supersedes version of	**Modified**
2.1	Adverse physicochemical, human health and environmental effects	**Modified**
2.1	Classification according to Regulation (EC) No. 1272/2008 [CLP]	**Modified**
2.2	Hazard statements (CLP)	**Modified**
2.2	Precautionary statements (CLP)	**Modified**
4.1	First-aid measures for first aider	**Added**
12.1	Ecology - general	**Modified**

Abbreviations and acronyms:	
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number
EC50	Median effective concentration
EN	European Standard
IARC	International Agency for Research on Cancer

Abbreviations and acronyms:	
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
VOC	Volatile Organic Compounds
CAS-No.	Chemical Abstract Service number
N.O.S.	Not Otherwise Specified
vPvB	Very persistent and very bioaccumulative
ED	Endocrine disruptor

Full text of H- and EUH-statements:	
Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment – Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment – Chronic Hazard, Category 1
EUH208	Contains 1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one. May produce an allergic reaction.
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.

Full text of H- and EUH-statements:	
H331	Toxic if inhaled.
H361f	Suspected of damaging fertility.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
Repr. 2	Reproductive toxicity, Category 2
Skin Corr. 1A	Skin corrosion/irritation, Category 1, Sub-Category 1A
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:		
Skin Irrit. 2	H315	Calculation method
Eye Dam. 1	H318	Calculation method
Aquatic Chronic 3	H412	Calculation method

Name	Product identifier	Specific concentration limits (%)
Acetic acid	CAS-No.: 64-19-7 EC-No.: 200-580-7 EC Index-No.: 607-002-00-6 REACH-no: 01-2119475328-30	(10 ≤ C < 25) Skin Irrit. 2; H315 (10 ≤ C < 25) Eye Irrit. 2; H319 (25 ≤ C < 90) Skin Corr. 1B; H314 (90 ≤ C ≤ 100) Skin Corr. 1A; H314
1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one	CAS-No.: 2634-33-5 EC-No.: 220-120-9 EC Index-No.: 613-088-00-6	(0.05 ≤ C ≤ 100) Skin Sens. 1; H317

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.