

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Product form : Mixture
Trade name : Sanitary SI, DSSI

1.2. Relevant identified uses of the substance or mixture and uses advised against**1.2.1. Relevant identified uses**

Main use category : Consumer use, Professional use, Industrial use
Use of the substance/mixture : Sealants

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet**Manufacturer**

fischerwerke GmbH & Co. KG
Klaus-Fischer-Straße, 1
72178 Waldachtal
Germany
T +49(0)7443 12-0 - F +49(0)7443 12-4222
info-sdb@fischer.de - www.fischer.de

Distributor

fischer fixings UK Ltd.
Whitely Road
Oxon OX10 9AT Wallingford
United Kingdom of Great Britain and Northern Ireland
T +44 14 91 82 79 00 - F +44 14 91 82 79 53
info@fischer.co.uk - www.fischer.co.uk

1.4. Emergency telephone number

Emergency number : +49(0)6132-84463 (24h)

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Aquatic Chronic 3 H412

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

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements**Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

Signal word (CLP) : -
Hazard statements (CLP) : 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.
P273 - Avoid release to the environment.
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
EUH-statements : EUH208 - Contains Bis [(2-ethyl-2,5-dimethylhexynoyl)oxy] (dimethyl) stannane, 4,5-dichloro-2-octyl-2H-isothiazol-3-one; [DCOIT]. May produce an allergic reaction.

2.3. Other hazards

Contains no PBT/vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

Component

octamethylcyclotetrasiloxane; [D4] (556-67-2)	This substance meets the PBT criteria of REACH regulation, annex XIII This substance meets the vPvB criteria of REACH regulation, annex XIII
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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 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 at a concentration equal to or greater than 0,1 %

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Component	
octamethylcyclotetrasiloxane; [D4](556-67-2)	The substance is 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

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Distillates (petroleum), hydro- treated light; Kerosine—unspecified; [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C16 and boiling in the range of approximately 150 °C to 290 °C (302 °F to 554 °F).]	CAS-No.: 64742-47-8 EC-No.: 265-149-8 EC Index-No.: 649-422-00-2 REACH-no: 01-2119484819-18	10 – 20	Flam. Liq. 3, H226 Asp. Tox. 1, H304
Distillates (petroleum), hydrotreated middle; Gasoil—unspecified; [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C11 through C25 and boiling in the range of approximately; 205°C to 400°C (401 °F to 752 °F).]	CAS-No.: 64742-46-7 EC-No.: 265-148-2 EC Index-No.: 649-221-00-X REACH-no: 01-2119552497-29	10 – 20	Asp. Tox. 1, H304
octamethylcyclotetrasiloxane; [D4] substance listed as REACH Candidate (Octamethylcyclotetrasiloxane)	CAS-No.: 556-67-2 EC-No.: 209-136-7 EC Index-No.: 014-018-00-1 REACH-no: 01-2119529238-36	0.01 – 0.1	Flam. Liq. 3, H226 Repr. 2, H361f Aquatic Chronic 1, H410 (M=10)
4,5-dichloro-2-octyl-2H-isothiazol-3-one; [DCOIT] (Active substance (Biocide))	CAS-No.: 64359-81-5 EC-No.: 264-843-8 EC Index-No.: 613-335-00-8	< 0.05	Acute Tox. 4 (Oral), H302 (ATE=500 mg/kg bodyweight) Acute Tox. 2 (Inhalation), H330 (ATE=0.05 mg/l/4h) Skin Corr. 1, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 STOT SE 3, H335 Aquatic Acute 1, H400 (M=100) Aquatic Chronic 1, H410 (M=100) EUH071
Bis [(2-ethyl-2,5-dimethylhexynyl)oxy] (dimethyl) stannane	CAS-No.: 68928-76-7 EC-No.: 273-028-6 REACH-no: 01-2120770324-57	0.0015 – 0.05	Acute Tox. 4 (Oral), H302 (ATE=892 mg/kg bodyweight) Skin Irrit. 2, H315 Skin Sens. 1A, H317 Aquatic Chronic 3, H412

Specific concentration limits:

Name	Product identifier	Specific concentration limits (%)
4,5-dichloro-2-octyl-2H-isothiazol-3-one; [DCOIT] (Active substance (Biocide))	CAS-No.: 64359-81-5 EC-No.: 264-843-8 EC Index-No.: 613-335-00-8	(0.0015 ≤ C ≤ 100) Skin Sens. 1A, H317 (0.025 ≤ C < 5) Skin Irrit. 2, H315 (0.025 ≤ C < 3) Eye Irrit. 2, H319

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

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SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact	: Wash with plenty of soap and water.
First-aid measures after eye contact	: Rinse eyes with water as a precaution. Remove contact lenses, if present and easy to do. Continue rinsing.
First-aid measures after ingestion	: Call a poison center or a doctor if you feel unwell. If possible, show the doctor this safety data sheet. Failing this, show the doctor the packaging or label. Wash out mouth with water and afterwards drink plenty of water.

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

No additional information available

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 (CO ₂).
Unsuitable extinguishing media	: Strong water jet.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire	: Toxic fumes may be released.
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5.3. Advice for firefighters

Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
Other information	: Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures	: Ventilate spillage area.
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6.1.2. 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".
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6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up	: Mechanically recover the product.
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

Precautions for safe handling	: Ensure good ventilation of the work station. Wear personal protective equipment.
Hygiene measures	: Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Avoid contact with skin, eyes and clothing. Remove dirty clothes.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	: Store in a well-ventilated place. Keep cool.
Storage temperature	: 5 – 25 °C

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7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

No additional information available

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

8.2.2. Personal protection equipment

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:

Safety glasses

8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing

Hand protection:

No specific measures are required provided the product is handled in accordance with the general rules of occupational hygiene and safety

Hand protection					
Type	Material	Permeation	Thickness (mm)	Penetration	Standard
Disposable gloves	Nitrile rubber (NBR), Chloroprene rubber (CR), Butyl rubber	3 (> 60 minutes)	-		

8.2.2.3. Respiratory protection

Respiratory protection:

No respiratory protection needed under normal use conditions. In case of insufficient ventilation, wear suitable respiratory equipment

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Colour	: Various colours.
Odour	: Pungent.
Odour threshold	: Not available
Melting point	: Not available
Freezing point	: Not applicable
Boiling point	: Not available
Flammability	: Non flammable.
Lower explosion limit	: Not applicable
Upper explosion limit	: Not applicable
Flash point	: Not applicable
Auto-ignition temperature	: 400 °C
Decomposition temperature	: Not available
pH	: Not available
pH solution	: Not available
Viscosity, kinematic	: Not applicable
Viscosity, dynamic	: 800000 mPa·s
Solubility	: Not available
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50°C	: Not available
Density	: 0.98 g/cm ³
Relative density	: Not available
Relative vapour density at 20°C	: Not applicable
Particle size	: Not available

Distillates (petroleum), hydro- treated light; Kerosine— unspecified; [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C16 and boiling in the range of approximately 150 °C to 290 °C (302 °F to 554 °F).] (64742-47-8)

Boiling point	175 – 270 °C Source: ICSC
Flash point	68 – 74 °C Source: ICSC
Auto-ignition temperature	236 °C Source: ICSC

Distillates (petroleum), hydrotreated middle; Gasoil— unspecified; [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C11 through C25 and boiling in the range of approximately; 205 °C to 400 °C (401 °F to 752 °F).] (64742-46-7)

Boiling point	172 – 379 °C Atm. press.: 101,3 kPa Remarks on result: 'other:'
Flash point	> 56 °C Atm. press.: 101,325 kPa Remarks on result: 'other:'
Vapour pressure	0.4 kPa Temp.: 40 °C

octamethylcyclotetrasiloxane; [D4] (556-67-2)

Boiling point	175 °C Atm. press.: 1013 hPa Decomposition: 'no'
Flash point	51 °C
Auto-ignition temperature	51
Vapour pressure	132 Pa Temp.: 25 °C

Bis [(2-ethyl-2,5-dimethylhexynoyl)oxy] (dimethyl) stannane (68928-76-7)

Boiling point	> 250 °C Remarks on result: 'other:'
Flash point	178 °C Atm. press.: 1007,8 hPa

4,5-dichloro-2-octyl-2H-isothiazol-3-one; [DCOIT] (64359-81-5)

Boiling point	322.6 °C Source: Lookchem
Flash point	148.9 °C Source: Lookchem

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4,5-dichloro-2-octyl-2H-isothiazol-3-one; [DCOIT] (64359-81-5)

Vapour pressure | 0.0000706 mm Hg at 2.27E-06 mmHg Source: Episuite

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

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

Distillates (petroleum), hydro- treated light; Kerosine— unspecified; [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C16 and boiling in the range of approximately 150 °C to 290 °C (302 °F to 554 °F).] (64742-47-8)

LD50 oral rat > 15000 mg/kg

LD50 dermal rabbit > 3160 mg/kg

LC50 Inhalation - Rat (Dust/Mist) > 5.2 mg/l

Distillates (petroleum), hydrotreated middle; Gasoil— unspecified; [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C11 through C25 and boiling in the range of approximately; 205 °C to 400 °C (401 °F to 752 °F).] (64742-46-7)

LD50 oral rat > 5000 mg/kg bodyweight (OECD 401 method)

LD50 dermal rabbit > 2000 mg/kg bodyweight (OECD 402 method)

octamethylcyclotetrasiloxane; [D4] (556-67-2)

LD50 oral rat ≈ 4800 mg/kg bodyweight (OECD 401 method)

LD50 dermal rat > 17700 mg/kg

LC50 Inhalation - Rat 36 mg/l (OECD 403 method)

ATE CLP (vapours) 36 mg/l/4h

ATE CLP (dust,mist) 36 mg/l/4h

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Bis [(2-ethyl-2,5-dimethylhexynoyl)oxy] (dimethyl) stannane (68928-76-7)	
LD50 oral rat	892 mg/kg bodyweight (OECD 401 method)
ATE CLP (oral)	892 mg/kg bodyweight
4,5-dichloro-2-octyl-2H-isothiazol-3-one; [DCOIT] (64359-81-5)	
ATE CLP (oral)	500 mg/kg bodyweight
ATE CLP (gases)	100 ppmv/4h
ATE CLP (vapours)	0.5 mg/l/4h
ATE CLP (dust,mist)	0.05 mg/l/4h
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified.
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
4,5-dichloro-2-octyl-2H-isothiazol-3-one; [DCOIT] (64359-81-5)	
STOT-single exposure	May cause respiratory irritation.
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified
Sanitary SI, DSSI	
Viscosity, kinematic	Not applicable
octamethylcyclotetrasiloxane; [D4] (556-67-2)	
Viscosity, kinematic	1.6 mm ² /s Temp.: '20°C' Parameter: 'kinematic viscosity (in mm ² /s)'

11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

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.

Not rapidly degradable

Distillates (petroleum), hydro- treated light; Kerosine— unspecified; [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C16 and boiling in the range of approximately 150 °C to 290 °C (302 °F to 554 °F).] (64742-47-8)

LC50 - Fish [1] > 250 mg/l Brachydanio rerio (zebra-fish) (OECD 203 method)

EC50 - Crustacea [1] > 3193 mg/l copepod Acartia tonsa

ErC50 algae > 3200 mg/l Skeletonema costatum (marine diatom)

Distillates (petroleum), hydrotreated middle; Gasoil— unspecified; [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C11 through C25 and boiling in the range of approximately; 205 °C to 400 °C (401 °F to 752 °F).] (64742-46-7)

LC50 - Fish [1] > 1028 mg/l juvenile turbot

EC50 - Crustacea [1] > 3193 mg/l copepod Acartia tonsa

ErC50 algae > 10000 mg/l Skeletonema costatum (marine diatom)

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)

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Bis [(2-ethyl-2,5-dimethylhexynoyl)oxy] (dimethyl) stannane (68928-76-7)

EC50 - Crustacea [1]	39 mg/l Test organisms (species): Daphnia magna
EC50 72h - Algae [1]	7.6 mg/l Pseudokirchneriella subcapitata
EC50 72h - Algae [2]	2 mg/l Pseudokirchneriella subcapitata

4,5-dichloro-2-octyl-2H-isothiazol-3-one; [DCOIT] (64359-81-5)

LC50 - Fish [1]	0.0027 mg/l Oncorhynchus mykiss (Rainbow trout)
EC50 - Crustacea [1]	0.0052 mg/l Daphnia magna (Water flea)
ErC50 algae	0.0016 mg/l (OECD 201 method)
NOEC chronic fish	0.00056 mg/l Oncorhynchus mykiss (Rainbow trout)
NOEC chronic crustacea	0.00063 mg/l Daphnia magna (Water flea)
NOEC chronic algae	0.00034 mg/l

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

Distillates (petroleum), hydro- treated light; Kerosine— unspecified; [A complex combination of hydrocarbons obtained by treating a petroleum fraction with hydrogen in the presence of a catalyst. It consists of hydrocarbons having carbon numbers predominantly in the range of C9 through C16 and boiling in the range of approximately 150 °C to 290 °C (302 °F to 554 °F).] (64742-47-8)

Partition coefficient n-octanol/water (Log Pow)	3.3 – 6 Source: IUCLID
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4,5-dichloro-2-octyl-2H-isothiazol-3-one; [DCOIT] (64359-81-5)

Partition coefficient n-octanol/water (Log Pow)	3.59 Source: Episuite
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12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

Component

octamethylcyclotetrasiloxane; [D4] (556-67-2)	This substance meets the PBT criteria of REACH regulation, annex XIII This substance meets the vPvB criteria of REACH regulation, annex XIII
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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.
Product/Packaging disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations. Avoid release to the environment.
European List of Waste (LoW, EC 2150/2002)	: 20 00 00 - MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA

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ADR	IMDG	IATA
14.1. UN number or ID number		
Not regulated for transport		
14.2. UN proper shipping name		
Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)		
Not regulated	Not regulated	Not regulated
14.4. Packing group		
Not regulated	Not regulated	Not regulated
14.5. Environmental hazards		
Not regulated	Not regulated	Not regulated

No supplementary information available

14.6. Special precautions for user

Overland transport

Not regulated

Transport by sea

Not regulated

Air transport

Not regulated

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

15.1.1. 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 $\geq 0.1\%$ or SCL: octamethylcyclotetrasiloxane; [D4] (EC 209-136-7, CAS 556-67-2)

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)

Biocide Regulation (528/2012)

Contains substance(s) listed on the Biocidal Products list (Regulation EU 528/2012 concerning the making available on the market and use of biocidal products)

Type of product (Biocide)

Contains

:
: 4,5-dichloro-2-octyl-2H-isothiazol-3-one; [DCOIT]

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)

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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)

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

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
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

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Abbreviations and acronyms:

ED	Endocrine disrupting properties
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Full text of H- and EUH-statements:

Acute Tox. 2 (Inhalation)	Acute toxicity (inhal.), Category 2
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
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
EUH071	Corrosive to the respiratory tract.
EUH208	Contains Bis [(2-ethyl-2,5-dimethylhexynoyl)oxy] (dimethyl) stannane, 4,5-dichloro-2-octyl-2H-isothiazol-3-one; [DCOIT]. 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.
H304	May be fatal if swallowed and enters airways.
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.
H330	Fatal if inhaled.
H335	May cause respiratory irritation.
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. 1	Skin corrosion/irritation, Category 1
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1A	Skin sensitisation, category 1A
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Aquatic Chronic 3	H412	Expert judgement
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The classification complies with : ATP 12

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.