

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



SILCOSET 158

Version
1.0

Revision Date:
23.04.2020

Date of last issue: -
Date of first issue: 23.04.2020

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

1.1 Product identifier

Trade name : SILCOSET 158

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

Use of the Sub-
stance/Mixture : Adhesives

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier

CHT Germany GmbH
Bismarckstraße 102
72072 Tübingen
Germany
Tel.: +49 7071 154 0
info@cht.com

CHT Switzerland AG
Kriessernstrasse 20
9462 Montlingen
Switzerland
Tel.: +41 71 763 88 11
info.switzerland@cht.com

CHT UK Bridgwater Ltd.
Showground Road
Bridgwater TA6 6AJ
United Kingdom
Tel.: +44 1278 411 400
info.uk@cht.com

Importer : -
-
-
-
-

Responsible Department : CHT Germany GmbH
CHT Switzerland AG
Product Safety
sds.germany@cht.com
sds.switzerland@cht.com

1.4 Emergency telephone number

Emergency telephone number : +49 7071 154 0 (Germany, 24 hours)
+41 71 763 88 11 (Switzerland, 24 hours)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



SILCOSET 158

Version
1.0

Revision Date:
23.04.2020

Date of last issue: -
Date of first issue: 23.04.2020

Skin irritation, Category 2

H315: Causes skin irritation.

Serious eye damage, Category 1

H318: Causes serious eye damage.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :



Signal word : Danger

Hazard statements : H315 Causes skin irritation.
H318 Causes serious eye damage.

Precautionary statements : **Prevention:**
P264 Wash skin thoroughly after handling.
P280 Wear protective gloves/ eye protection/ face protection.

Response:
P302 + P352 IF ON SKIN: Wash with plenty of water.
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 POISON CENTER/doctor.
P332 + P313 If skin irritation occurs: Get medical advice/ attention.
P362 + P364 Take off contaminated clothing and wash it before reuse.

Hazardous components which must be listed on the label:

Methyltriacetoxysilane
diacetoxydi-tert-butoxysilane

Additional Labelling

EUH208 Contains dimethylbis[(1-oxoneodecyl)oxy]stannane. May produce an allergic reaction.

2.3 Other hazards

This substance/mixture contains components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB).

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Chemical nature : Dispersion of inorganic fillers in polysiloxanes

Components

Chemical name	CAS-No.	Classification	Concentration
---------------	---------	----------------	---------------

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



SILCOSET 158

Version
1.0

Revision Date:
23.04.2020

Date of last issue: -
Date of first issue: 23.04.2020

	EC-No. Index-No. Registration number		(% w/w)
Methyltriacetoxysilane	4253-34-3 224-221-9 01-2119987097-22	Acute Tox. 4; H302 Skin Corr. 1C; H314 Eye Dam. 1; H318	$\geq 1 - < 3$
diacetoxydi-tert-butoxysilane	13170-23-5 236-112-3 01-2119987098-20	Skin Corr. 1B; H314 Eye Dam. 1; H318	$\geq 1 - < 3$
dimethylbis[(1-oxodecyl)oxy]stannane	68928-76-7 273-028-6 01-2120770324-57	Acute Tox. 4; H302 Skin Irrit. 2; H315 Skin Sens. 1A; H317 Aquatic Chronic 3; H412	$\geq 0.025 - < 0.1$
PBT and vPvB substance :			
dodecamethylcyclohexasiloxane (REACH SVHC Candidate List)	540-97-6 208-762-8 01-2119517435-42		$\geq 0.1 - < 1$

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

- General advice : Take off all contaminated clothing immediately.
Show this safety data sheet to the doctor in attendance.
- If inhaled : Move to fresh air.
If symptoms persist, call a physician.
- In case of skin contact : In case of skin contact remove mechanically with cloth or paper.
Wash off immediately with soap and plenty of water.
If symptoms persist, call a physician.
- In case of eye contact : In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Call a physician immediately.
- If swallowed : Rinse mouth with water.
Do NOT induce vomiting.
Call a physician immediately.

4.2 Most important symptoms and effects, both acute and delayed

- Risks : There may be reddening, swelling, overheating and pain on contact.

4.3 Indication of any immediate medical attention and special treatment needed

- Treatment : Treat symptomatically.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



SILCOSET 158

Version
1.0

Revision Date:
23.04.2020

Date of last issue: -
Date of first issue: 23.04.2020

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Carbon dioxide (CO₂)
Dry powder
Foam
Sand
Water spray

Unsuitable extinguishing media : High volume water jet

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire-fighting : Hazardous decomposition products formed under fire conditions.
Can be released in case of fire:
Carbon oxides
Silica

5.3 Advice for firefighters

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

Further information : In case of fire do not inhale smoke, conflagration gases and steams.
Use water spray to cool unopened containers.
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

Personal precautions : Use personal protective equipment.
Contaminated surfaces will be extremely slippery.

6.2 Environmental precautions

Environmental precautions : The product should not be allowed to enter drains, water courses or the soil.
Pay attention to local or official regulations.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Clean contaminated surface thoroughly.
Dispose of in accordance with local regulations.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



SILCOSET 158

Version
1.0

Revision Date:
23.04.2020

Date of last issue: -
Date of first issue: 23.04.2020

6.4 Reference to other sections

Refer to protective measures listed in sections 7 and 8.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Advice on safe handling : Provide sufficient air exchange and/or exhaust in work rooms. Avoid formation of aerosol.
- Advice on protection against fire and explosion : Take measures to prevent the build up of electrostatic charge. Normal measures for preventive fire protection.
- Hygiene measures : Avoid contact with skin, eyes and clothing. Do not breathe vapours, aerosols. Take off all contaminated clothing immediately. Handle in accordance with good industrial hygiene and safety practice.

7.2 Conditions for safe storage, including any incompatibilities

- Requirements for storage areas and containers : Do always store in containers which correspond to the original ones. Keep container tightly closed. Keep in a dry, cool and well-ventilated place.
- Further information on storage conditions : Protect from moisture. Protect from humidity and keep away from water.
- Advice on common storage : Reacts with water.

7.3 Specific end use(s)

- Specific use(s) : Consult the technical guidelines for the use of this substance/mixture.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
dimethylbis[(1-ox-oneodecyl)oxy]stannane	68928-76-7	TWA	0.1 mg/m ³ (Tin)	GB EH40
Further information	Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.			
		STEL	0.2 mg/m ³ (Tin)	GB EH40
Further information	Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity.			

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



SILCOSET 158

Version
1.0

Revision Date:
23.04.2020

Date of last issue: -
Date of first issue: 23.04.2020

Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

Substance name	End Use	Exposure routes	Potential health effects	Value
Methyltriacetoxysilane	Workers	Inhalation	Long-term local effects	31 mg/m ³
	Workers	Inhalation	Acute local effects	31 mg/m ³
	Consumers	Inhalation	Long-term local effects	5.1 mg/m ³
	Consumers	Inhalation	Acute local effects	5.1 mg/m ³
diacetoxidi-tert-butoxysilane	Workers	Inhalation	Long-term systemic effects	150.84 mg/m ³
	Workers	Skin contact	Long-term systemic effects	21.39 mg/kg bw/day
	Consumers	Inhalation	Long-term systemic effects	37.2 mg/m ³
	Consumers	Skin contact	Long-term systemic effects	10.69 mg/kg bw/day
	Consumers	Ingestion	Long-term systemic effects	10.69 mg/kg bw/day

Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:

Substance name	Environmental Compartment	Value
Methyltriacetoxysilane	Fresh water	1 mg/l
	Marine water	0.1 mg/l
	Intermittent use/release	10 mg/l
	STP	6.9 mg/l
	Fresh water sediment	3.4 mg/kg dry weight (d.w.)
	Marine sediment	0.34 mg/kg dry weight (d.w.)
	Soil	0.145 mg/kg dry weight (d.w.)
diacetoxidi-tert-butoxysilane	Fresh water	0.029 mg/l
	Marine water	0.003 mg/l
	STP	13.276 mg/l
	Fresh water sediment	0.033 mg/kg dry weight (d.w.)
	Marine sediment	0.003 mg/kg dry weight (d.w.)
	Soil	0.02 mg/kg dry weight (d.w.)

8.2 Exposure controls

Engineering measures

Solids with occupational exposure limits in liquid preparations do not cause an exposure in the workplace, because they are not present in a respirable form. Exposure can occur in the form of aerosols or after drying of the liquid the solids remain, possibly in a finely dispersed form. Provide sufficient air exchange and/or exhaust in work rooms.

Personal protective equipment

Eye protection : Goggles (EN 166)

Hand protection

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



SILCOSET 158

Version
1.0

Revision Date:
23.04.2020

Date of last issue: -
Date of first issue: 23.04.2020

Material : Nitrile rubber

Break through time : > 480 min

Glove thickness : > 0.35 mm

Protective index : Class 6

Material : butyl-rubber

Break through time : > 480 min

Glove thickness : > 0.5 mm

Protective index : Class 6

Remarks : The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other.
The obtained break through times according to EN 374 Part III are not measured under normal operating conditions.
Therefore a maximum usage time of 50% of the break through time is recommended.

Skin and body protection : Wear suitable protective clothing (EN 14605).

Respiratory protection : Not required; except in case of aerosol formation.
Recommended Filter type:
Combination filter A/P (EN 141)

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance : liquid

Colour : black

Odour : pungent, stinging

pH : Not applicable

Melting point/range : No data available

Boiling point/boiling range : No data available

Flash point : > 150 °C

Evaporation rate : Not applicable

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



SILCOSET 158

Version
1.0

Revision Date:
23.04.2020

Date of last issue: -
Date of first issue: 23.04.2020

Upper explosion limit / Upper flammability limit	:	Not applicable
Lower explosion limit / Lower flammability limit	:	Not applicable
Vapour pressure	:	No data available
Relative vapour density	:	Not applicable
Density	:	1.07 g/cm ³ (20 °C)
Solubility(ies) Water solubility	:	immiscible
Partition coefficient: n-octanol/water	:	Not applicable
Ignition temperature	:	> 400 °C
Viscosity Viscosity, dynamic	:	No data available
Oxidizing properties	:	Not applicable

9.2 Other information

Conductivity	:	Not determined
Self-ignition	:	> 400 °C

SECTION 10: Stability and reactivity

10.1 Reactivity

Reacts violently with water.

10.2 Chemical stability

The product is chemically stable.

10.3 Possibility of hazardous reactions

Hazardous reactions	:	Protect from moisture. Reacts with water.
---------------------	---	--

10.4 Conditions to avoid

Conditions to avoid	:	Protect from moisture.
---------------------	---	------------------------

10.5 Incompatible materials

Materials to avoid	:	Not applicable
--------------------	---	----------------

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



SILCOSET 158

Version
1.0

Revision Date:
23.04.2020

Date of last issue: -
Date of first issue: 23.04.2020

10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Product:

Acute oral toxicity : Acute toxicity estimate: > 5,000 mg/kg
Method: Calculation method

Acute inhalation toxicity : Based on available data, the classification criteria are not met.

Acute dermal toxicity : Acute toxicity estimate: > 5,000 mg/kg
Method: Calculation method

Components:

Methyltriacetoxysilane:

Acute oral toxicity : LD50 (Rat): 1,600 mg/kg

diacetoxydi-tert-butoxysilane:

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg
Method: OECD Test Guideline 401

Acute inhalation toxicity : Assessment: Corrosive to the respiratory tract.

dimethylbis[(1-oxoneodecyl)oxy]stannane:

Acute oral toxicity : LD50 (Rat): > 300 - 2,000 mg/kg
Method: OECD Test Guideline 401

Skin corrosion/irritation

Product:

: Causes skin irritation.

Components:

Methyltriacetoxysilane:

Species : Rabbit
Method : OECD Test Guideline 404
Result : Corrosive after 1 to 4 hours of exposure

diacetoxydi-tert-butoxysilane:

Species : Rabbit
Method : OECD Test Guideline 404
Result : Causes burns.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



SILCOSET 158

Version
1.0

Revision Date:
23.04.2020

Date of last issue: -
Date of first issue: 23.04.2020

dimethylbis[(1-oxoneodecyl)oxy]stannane:

Species : reconstructed human epidermis (RhE)
Method : OECD Test Guideline 439
Result : Causes skin irritation.

Serious eye damage/eye irritation

Product:

: Causes serious eye damage.

Components:

Methyltriacetoxysilane:

: Causes serious eye damage.

dimethylbis[(1-oxoneodecyl)oxy]stannane:

Species : Cattle
Method : OECD Test Guideline 437
Result : No eye irritation

Respiratory or skin sensitisation

Product:

: This product is classified by the European Union as a skin sensitiser.
May produce an allergic reaction.

Components:

Methyltriacetoxysilane:

Species : Guinea pig
Method : OECD Test Guideline 406
Result : Did not cause sensitisation on laboratory animals.

dimethylbis[(1-oxoneodecyl)oxy]stannane:

Species : Guinea pig
Result : The product is a skin sensitiser, sub-category 1A.

Germ cell mutagenicity

Product:

Germ cell mutagenicity- Assessment : Based on available data, the classification criteria are not met.

Carcinogenicity

Product:

Carcinogenicity - Assessment : Based on available data, the classification criteria are not met.

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



SILCOSET 158

Version
1.0

Revision Date:
23.04.2020

Date of last issue: -
Date of first issue: 23.04.2020

Reproductive toxicity

Product:

Reproductive toxicity - Assessment : Based on available data, the classification criteria are not met.

STOT - single exposure

Product:

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

STOT - repeated exposure

Product:

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

Aspiration toxicity

Product:

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

SECTION 12: Ecological information

12.1 Toxicity

Product:

Toxicity to fish : No data is available on the product itself.

Toxicity to daphnia and other aquatic invertebrates : No data is available on the product itself.

Toxicity to algae : No data is available on the product itself.

Toxicity to microorganisms : No data is available on the product itself.

Components:

Methyltriacetoxysilane:

Toxicity to fish : LC50 (Danio rerio (zebra fish)): > 500 mg/l
Exposure time: 96 h
Test Type: semi-static test
Method: Regulation (EC) No. 440/2008, Annex, C.1

LC50 (Fish): > 100 mg/l
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : (Daphnia magna (Water flea)): > 500 mg/l
Exposure time: 48 h

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



SILCOSET 158

Version
1.0

Revision Date:
23.04.2020

Date of last issue: -
Date of first issue: 23.04.2020

Test Type: static test
Method: Regulation (EC) No. 440/2008, Annex, C.2

EC50 (Daphnia (water flea)): > 100 mg/l
Exposure time: 48 h

Toxicity to algae : NOEC (Pseudokirchneriella subcapitata (green algae)): > 500 mg/l
Exposure time: 72 h
Test Type: static test
Method: Regulation (EC) No. 440/2008, Annex, C.3

EC50 (Pseudokirchneriella subcapitata (green algae)): > 500 mg/l
Exposure time: 72 h
Test Type: static test
Method: Regulation (EC) No. 440/2008, Annex, C.3

EC50 (algae): > 100 mg/l
Exposure time: 72 h

Toxicity to microorganisms : EC10 (activated sludge): > 100 mg/l
Exposure time: 3 h
Test Type: static test
Method: OECD Test Guideline 209

diacetoxydi-tert-butoxysilane:

Toxicity to fish : LC50 (Fish): > 100 mg/l
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 100 mg/l
Exposure time: 48 h

Toxicity to algae : NOEC (Pseudokirchneriella subcapitata (green algae)): > 10 - 100 mg/l
Exposure time: 72 h
Test Type: static test
Method: OECD Test Guideline 201

EC50 (Pseudokirchneriella subcapitata (green algae)): > 10 - 100 mg/l
Exposure time: 72 h
Test Type: static test
Method: OECD Test Guideline 201

dimethylbis[(1-oxoneodecyl)oxy]stannane:

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): > 10 - 100 mg/l
Exposure time: 48 h
Test Type: static test
Method: OECD Test Guideline 202

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



SILCOSET 158

Version
1.0

Revision Date:
23.04.2020

Date of last issue: -
Date of first issue: 23.04.2020

12.2 Persistence and degradability

Product:

- Biodegradability : No data is available on the product itself.
- Physico-chemical removability : May be separated mechanically in waste water plants. The product can be eliminated from water by abiotic processes, e.g. adsorption on activated sludge.

Components:

diacetoxydi-tert-butoxysilane:

- Biodegradability : Test Type: O2 measuring
Result: Readily biodegradable.
Biodegradation: 79.5 %
Exposure time: 28 d
Method: OECD Test Guideline 301F
Argument by analogy

dimethylbis[(1-oxoneodecyl)oxy]stannane:

- Biodegradability : Test Type: CO2 measuring
Biodegradation: 0 %
Exposure time: 28 d
Method: OECD 301 B (mineralisation)

12.3 Bioaccumulative potential

Product:

- Bioaccumulation : No data is available on the product itself.
- Partition coefficient: n-octanol/water : Not applicable

Components:

Methyltriacetoxysilane:

- Partition coefficient: n-octanol/water : log Pow: -2.4

diacetoxydi-tert-butoxysilane:

- Partition coefficient: n-octanol/water : log Pow: -0.2 - 1.41

dimethylbis[(1-oxoneodecyl)oxy]stannane:

- Partition coefficient: n-octanol/water : log Pow: 5.503

12.4 Mobility in soil

Product:

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



SILCOSET 158

Version
1.0

Revision Date:
23.04.2020

Date of last issue: -
Date of first issue: 23.04.2020

Mobility : No data available

12.5 Results of PBT and vPvB assessment

Product:

Assessment : This substance/mixture contains components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB).

12.6 Other adverse effects

Product:

Adsorbed organic bound halogens (AOX) : Because of the components, which do not contain any organic halogens, this product does not increase the AOX-values in the waste water.

Additional ecological information : The product is insoluble in water, therefore the ecological data such as, e.g. biodegradability, COD, BOD5 values cannot be determined analytically.
According to our knowledge, the product does not contain heavy metals and other compounds of EC directive 2000/60 EC.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : Pay attention to local or official regulations.

Contaminated packaging : Pay attention to local or official regulations.

SECTION 14: Transport information

14.1 UN number

Not regulated as a dangerous good

14.2 UN proper shipping name

Not regulated as a dangerous good

14.3 Transport hazard class(es)

Not regulated as a dangerous good

14.4 Packing group

Not regulated as a dangerous good

14.5 Environmental hazards

Not regulated as a dangerous good

14.6 Special precautions for user

Remarks : see chapter 6 - 8

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



SILCOSET 158

Version
1.0

Revision Date:
23.04.2020

Date of last issue: -
Date of first issue: 23.04.2020

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Remarks : Not applicable

SECTION 15: Regulatory information

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

Other regulations:

Currently no information available.

15.2 Chemical safety assessment

not required

SECTION 16: Other information

Full text of H-Statements

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.
H412 : Harmful to aquatic life with long lasting effects.

Full text of other abbreviations

Acute Tox. : Acute toxicity
Aquatic Chronic : Long-term (chronic) aquatic hazard
Eye Dam. : Serious eye damage
Skin Corr. : Skin corrosion
Skin Irrit. : Skin irritation
Skin Sens. : Skin sensitisation
GB EH40 : UK. EH40 WEL - Workplace Exposure Limits
GB EH40 / TWA : Long-term exposure limit (8-hour TWA reference period)
GB EH40 / STEL : Short-term exposure limit (15-minute reference period)

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; AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Mari-

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



SILCOSET 158

Version
1.0

Revision Date:
23.04.2020

Date of last issue: -
Date of first issue: 23.04.2020

time Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

Further information

- Training advice : Based on the information in the safety data sheet and the workplace conditions, employees must be regularly trained in the safe handling of the product. National rules for training employees in handling hazardous substances must be observed.
- Other information : The classification for dangerous physico-chemical properties, health and environmental hazards has been derived from a combination of computational methods and, if available, test data.
- Sources of key data used to compile the Safety Data Sheet : Information from our suppliers, as well as data from the "Registered substances database" of the European Chemicals Agency (ECHA) has been used to compile this safety data sheet.

Classification of the mixture:

Skin Irrit. 2	H315
Eye Dam. 1	H318

Classification procedure:

Calculation method
Calculation method

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

This safety datasheet only contains information relating to safety and does not replace any product information or product specification.