



# SILICONE SEALANT DCW

## SAFETY DATA SHEET

according to Regulation (EU) 2015/830

ISSUE DATE: 20.08.2019

REVISION DATE: 27.11.2019

SUPERSEDES DATE: 20.08.2019

VERSION: 1.1

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

#### 1.1. Product identifier

Trade name	Silicone Sealant DCW
Product code	Ford Internal Ref.: 201197
SDS Number	6534
Product use	Professional use

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

Relevant identified uses	Adhesives, sealants
Uses advised against	None known

#### 1.3. Details of the supplier of the safety data sheet

Supplier	Distributor
Ford-Werke GmbH	Ford Motor Company Ltd.
Edsel-Ford-Str. 2-14	Parts Distribution Centre
50769 Cologne	Royal Oak Way South
Germany	NN11 8NT Daventry, Northants
+49 221 90-33333	United Kingdom
sdseu@ford.com	+44 1327 305 198

#### 1.4. Emergency telephone number

+49 (0) 6132-84463 (GBK GmbH – 24/7)

### 2. SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

This mixture does not meet the criteria for classification according to Regulation (EC) 1272/2008 as amended.

#### 2.2. Label elements

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

##### Supplemental hazard information

EUH210	Safety data sheet available on request
EUH208	Contains Methyltrimethoxysilane, N-(3-(Trimethoxysilyl) propyl)-1,2-ethanediamine. May produce an allergic reaction

#### 2.3. Other hazards

Contains PBT/vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

### 3. SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

Chemical name	CAS- No EC- No Index No RRN	%	Classification according to Regulation (EC) No. 1272/2008	Notes
Dodecamethylcyclohexasiloxane	540-97-6 208-762-8 01-2119517435-42-XXXX	0,1 - < 1	Not classified	PBT, vPvB substance listed as REACH Candidate
Decamethylcyclopentasiloxane	541-02-6 208-764-9 01-2119511367-43-XXXX	0,1 - < 1	Not classified	PBT, vPvB substance listed as REACH Candidate
octamethylcyclotetrasiloxane	556-67-2 209-136-7 014-018-00-1 01-2119529238-36-XXXX	0,1 - < 1	Flam. Liq. 3, H226 Repr. 2, H361f Aquatic Chronic 4, H413	PBT, vPvB substance listed as REACH Candidate
Methyltrimethoxysilane	1185-55-3 214-685-0 01-2119517436-40-XXXX	0,1 - < 1	Flam. Liq. 2, H225 Skin Sens. 1, H317	
N-(3-(Trimethoxysilyl)propyl)-1,2-ethanediamine	1760-24-3 217-164-6 01-2119970215-39-XXXX	0,1 - < 1	Eye Dam. 1, H318 Skin Sens. 1B, H317 STOT SE 3, H335	

Full text of H-statements: see section 16

### 4. SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### General information

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

##### Inhalation

Remove person to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell.

##### Skin contact:

Wash skin with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention.

##### Eyes contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

##### Ingestion

If you feel unwell, seek medical advice.

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

##### Symptoms/effects after inhalation

Inhalation of mists or vapours at elevated temperatures may cause respiratory irritation.

##### Symptoms/effects after skin contact

May cause an allergic skin reaction. May cause skin dryness or cracking.

##### Symptoms/effects after eye contact

Direct contact with eyes may cause temporary irritation.

##### Symptoms/effects after ingestion

On ingestion in large quantities: Abdominal pain, Diarrhea.

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

Treat symptomatically.

## 5. SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.

### 5.2. Special hazards arising from the substance or mixture

Hazardous combustion products	During fire, gases hazardous to health may be formed. Carbon oxides (CO, CO <sub>2</sub> ). Metal oxides. Formaldehyde. Silicon oxides.
-------------------------------	---

### 5.3. Advice for firefighters

Precautionary measures fire	Do not breathe fumes. Cool containers exposed to heat with water spray and remove container, if no risk is involved.
Firefighting instructions	Use standard firefighting procedures and consider the hazards of other involved materials.
Protection during firefighting	Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
Other information	Prevent fire fighting water from entering the environment.

## 6. SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### For non-emergency personnel

Protective equipment	Wear recommended personal protective equipment.
Emergency procedures	Ventilate spillage area.

#### 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	Keep unnecessary personnel away.

### 6.2. Environmental precautions

Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Inform appropriate managerial or supervisory personnel of all environmental releases.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up	Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Following product recovery, flush area with water. Small spills: Wipe up with absorbent material (for example cloth). Clean surface thoroughly to remove residual contamination.
Other information	Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13.

## 7. SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling	Ensure good ventilation of the work station. Do not breathe vapours, mist. Avoid contact with skin and eyes. Wear personal protective equipment.
Hygiene measures	Contaminated work clothing should not be allowed out of the workplace. 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

Storage conditions	Store tightly closed in a dry, cool and well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).
--------------------	--

7.3. **Specific end use(s)** Adhesives, Sealants.

## 8. SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Contains no substances with occupational exposure limits.

#### Monitoring methods

Follow standard monitoring procedures

#### DNEL: Derived no effect level

No data available

Components	Type	Route	Value	Form
Dodecamethylcyclohexasiloxane (540-97-6)	Worker	Inhalation	6.1 mg/m <sup>3</sup>	Acute - local effects
		Inhalation	11 mg/m <sup>3</sup>	Long-term - systemic effects
		Inhalation	1.22 mg/m <sup>3</sup>	Long-term - local effects
	Consumer	Oral	1.7 mg/kg bw/day	Acute - systemic effects
		Inhalation	1.5 mg/m <sup>3</sup>	Acute - local effects
		Oral	1.7 mg/kg bw/day	Long-term - systemic effects
		Inhalation	2.7 mg/m <sup>3</sup>	Long-term - systemic effects
		Inhalation	0.3 mg/m <sup>3</sup>	Long-term - local effects
Decamethylcyclopentasiloxane (541-02-6)	Worker	Inhalation	97.3 mg/m <sup>3</sup>	Long-term - systemic effects
		Inhalation	24.2 mg/m <sup>3</sup>	Long-term - local effects
	Consumer	Oral	5 mg/kg bw/day	Long-term - systemic effects
		Inhalation	17.3 mg/m <sup>3</sup>	Long-term - systemic effects
		Inhalation	4.3 mg/m <sup>3</sup>	Long-term - local effects
octamethylcyclotetrasiloxane (556-67-2)	Worker	Inhalation	73 mg/m <sup>3</sup>	Acute - systemic effects
		Inhalation	73 mg/m <sup>3</sup>	Acute - local effects
		Inhalation	73 mg/m <sup>3</sup>	Long-term - systemic effects
		Inhalation	73 mg/m <sup>3</sup>	Long-term - local effects
	Consumer	Inhalation	13 mg/m <sup>3</sup>	Acute - systemic effects
		Oral	3.7 mg/kg bodyweight	Acute - systemic effects
		Inhalation	13 mg/m <sup>3</sup>	Acute - local effects
		Oral	3.7 mg/kg bodyweight/day	Long-term - systemic effects
		Inhalation	13 mg/m <sup>3</sup>	Long-term - systemic effects
		Inhalation	13 mg/m <sup>3</sup>	Long-term - local effects
Methyltrimethoxysilane (1185-55-3)	Worker	Inhalation	260 mg/m <sup>3</sup>	Long-term - systemic effects
	Consumer	Inhalation	50 mg/m <sup>3</sup>	Long-term - systemic effects

#### PNEC: Predicted no effect concentration

No data available

Components	Type	Route	Value	Form
Dodecamethylcyclohexasiloxane (540-97-6)	Not applicable	sediment	13 mg/kg dwt	Freshwater
		sediment	1.3 mg/kg dwt	Seawater
		Soil	3.77 mg/kg dwt	
		Oral	66.7 mg/kg food	Secondary Poisoning
		STP	1 µg/L	
Decamethylcyclopentasiloxane	Not applicable	Freshwater	1.2 µg/L	

ne (541-02-6)		Seawater	0.12 µg/L	
		sediment	11 mg/kg dwt	Freshwater
		sediment	1.1 mg/kg dwt	Seawater
		Soil	1.27 mg/kg dwt	
		Oral	16 mg/kg food	Secondary Poisoning
		STP	10 mg/l	
octamethylcyclotetrasiloxane (556-67-2)	Not applicable	Freshwater	1.5 µg/L	
		Seawater	0.15 µg/L	
		sediment	3 mg/kg dwt	Freshwater
		sediment	0.3 mg/kg dwt	Seawater
		Soil	0.54 mg/kg dwt	
		Oral	41 mg/kg food	Secondary Poisoning
		STP	10 mg/l	
N-(3-(Trimethoxysilyl)propyl)-1,2-ethanediamine (1760-24-3)	Not applicable	Freshwater	0.062 mg/l	
		Seawater	0.006 mg/l	
		sediment	0.22 mg/l	Freshwater
		sediment	0.022 mg/l	Seawater
		Soil	0.009 mg/kg dwt	
		STP	25 mg/l	

## 8.2. Exposure controls

### Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level

### Materials for protective clothing

Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment

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

#### Eye protection

Safety glasses. EN 166.

#### Skin protection

##### Hand protection

Protective gloves. The recommendation is only valid for the supplied product and the stated application. Special working conditions, like heat or mechanical strain, which deviate from the test conditions, can reduce the protective effect provided by the recommended glove

Material	Permeation	Thickness (mm)	Comments
Nitrile rubber (NBR)	6 (> 480 minutes)	0,4	EN ISO 374 Glove recommendation: Camatril Velours® 730 (Kächele-Cama GmbH, source of supply see www.kcl.de) or comparable product.
In case of splash contact: Nitrile rubber (NBR)	6 (> 480 minutes)	0,4	EN ISO 374 Glove recommendation: Camatril Velours® 730 (Kächele-Cama GmbH, source of supply see www.kcl.de) or comparable product.

##### Other protective measures

Wear suitable protective clothing.

#### Respiratory protection

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

#### Skin and body protection

Wear suitable protective clothing

#### Thermal hazard protection

Wear appropriate thermal protective clothing, when necessary.

#### Environmental exposure controls

Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases.

#### Consumer exposure controls

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## 9. SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	Solid
Appearance	Paste.
Colour	white.
Odour	alcoholic.
Odour threshold	No data available
pH	Not applicable
Relative evaporation rate (butylacetate=1)	No data available
Melting point	No data available
Freezing point	No data available
Boiling point	No data available
Flash point	> 100 °C (closed cup)
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Flammability (solid, gas)	Not flammable
Vapour pressure	Not applicable
Relative vapour density at 20 °C	No data available
Relative density	1.39
Solubility	No data available
Log Pow	No data available
Viscosity, kinematic	Not applicable
Viscosity, dynamic	Not applicable
Explosive properties	Not explosive.
Oxidising properties	Non oxidizing.
Explosive limits	No data available

### 9.2. Other information

VOC (EU)	< 1 %
----------	-------

## 10. SECTION 10: Stability and reactivity

10.1. Reactivity	The product is stable and non reactive under normal conditions of use, storage and transport.
10.2. Chemical stability	Stable under normal conditions.
10.3. Possibility of hazardous reactions	This product may react with oxidizing agents.
10.4. Conditions to avoid	Contact with incompatible materials.
10.5. Incompatible materials	Oxidising agents.
10.6. Hazardous decomposition products	Formaldehyde.

## 11. SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity	Based on available data, the classification criteria are not met.
Skin corrosion/irritation	Based on available data, the classification criteria are not met.
Serious eye damage/irritation	Based on available data, the classification criteria are not met.

<b>Respiratory or skin sensitisation</b>	Based on available data, the classification criteria are not met. May cause an allergic skin reaction.
<b>Germ cell mutagenicity</b>	Based on available data, the classification criteria are not met
<b>Carcinogenicity</b>	Based on available data, the classification criteria are not met
<b>Reproductive toxicity</b>	Based on available data, the classification criteria are not met
<b>STOT-single exposure</b>	Based on available data, the classification criteria are not met
<b>STOT-repeated exposure</b>	Based on available data, the classification criteria are not met
<b>Aspiration hazard</b>	Based on available data, the classification criteria are not met
<b>Other information</b>	Likely routes of exposure: inhalation, skin and eye. Information on Effects: refer to section 4.

## 12. SECTION 12: Ecological information

### 12.1. Toxicity

<b>Ecology - general</b>	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
--------------------------	--

### 12.2. Persistence and degradability

#### Silicone Sealant DCW

<b>Persistence and degradability</b>	No additional information available.
--------------------------------------	--------------------------------------

### 12.3. Bioaccumulative potential

#### Silicone Sealant DCW

<b>Bioaccumulative potential</b>	No additional information available.
----------------------------------	--------------------------------------

### 12.4. Mobility in soil

#### Silicone Sealant DCW

<b>Ecology - soil</b>	No additional information available.
-----------------------	--------------------------------------

### 12.5. Results of PBT and vPvB assessment

#### Component

<b>Dodecamethylcyclhexasiloxane (540-97-6)</b>	This substance/mixture meets the PBT criteria of REACH regulation, annex XIII This substance/mixture meets the vPvB criteria of REACH regulation, annex XIII
<b>Decamethylcyclopentasiloxane (541-02-6)</b>	This substance/mixture meets the PBT criteria of REACH regulation, annex XIII This substance/mixture meets the vPvB criteria of REACH regulation, annex XIII
<b>octamethylcyclotetrasiloxane (556-67-2)</b>	This substance/mixture meets the PBT criteria of REACH regulation, annex XIII This substance/mixture meets the vPvB criteria of REACH regulation, annex XIII

### 12.6. Other adverse effects

<b>Other adverse effects</b>	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this product.
------------------------------	---

## 13. SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

<b>Regional legislation (waste)</b>	Dispose of in accordance with local regulations.
<b>Waste treatment methods</b>	Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions). Collect and reclaim or dispose in closed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations. Dispose of contents/container in accordance with licensed collector's sorting instructions.

<b>Sewage disposal recommendations</b>	Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container.
<b>Product/Packaging disposal recommendations</b>	Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.
<b>European List of Waste (LoW) code</b>	The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.
08 04 10	waste adhesives and sealants other than those mentioned in 08 04 09
15 01 10*	packaging containing residues of or contaminated by dangerous substances

## 14. SECTION 14: Transport information

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

Not regulated for transport

## 15. SECTION 15: Regulatory information

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

#### EU-Regulations

The following restrictions are applicable according to Annex XVII of the REACH Regulation (EC) No 1907/2006

octamethylcyclotetrasiloxane	3. Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008
octamethylcyclotetrasiloxane - Methyltrimethoxysilane	3(a) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F
octamethylcyclotetrasiloxane - Methyltrimethoxysilane - N-(3-(Trimethoxysilyl) propyl)-1,2-ethanediamine	3(b) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10
octamethylcyclotetrasiloxane	3(c) Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1
Methyltrimethoxysilane	40. Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not.
Decamethylcyclopentasiloxane - octamethylcyclotetrasiloxane	70. Octamethylcyclotetrasiloxane (D4) ; Decamethylcyclopentasiloxane (D5)
Contains a substance on the REACH candidate list in concentration $\geq 0.1\%$ or with a lower specific limit: Dodecamethylcyclohexasiloxane (D6) (EC 208-762-8, CAS 540-97-6), Decamethylcyclopentasiloxane (D5) (EC 208-764-9, CAS 541-02-6), Octamethylcyclotetrasiloxane (D4) (EC 209-136-7, CAS 556-67-2)	
Contains no REACH Annex XIV substances	

#### VOC (EU)

< 1 %

#### Other information, restriction and prohibition regulations

Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work, as amended. Directive 94/33/EC on the protection of young people at work, as amended. Directive 92/85/EEC on the safety and health of pregnant workers and workers who have recently given birth or are breastfeeding as amended. For details, refer to section 3 and 8.

#### National regulations

No additional information available.



## 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## 16. SECTION 16: Other information

### Indication of changes

---

1.4. Emergency telephone number.

### 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
AGW	Occupational exposure limit value
ATE	Acute Toxicity Estimate according to Regulation (EC) 1272/2008 (CLP)
BAM	Federal Institute for Materials Research and Testing, Germany
BAT	Maximum permissible concentration of biological working substances.
BCF	Bio-concentration factor.
BLV	Biological limit values
BLV	Biological limit values (BGW, Austria)
BMGV	Biological Monitoring Guidance Value (EH40,UK).
BOD5	Biochemical oxygen demand within 5 days
BOD	Biochemical oxygen demand
bw	Body weight.
calcd.	Calculated
CAS	Chemical Abstract Service.
CEN	European Committee for Standardization
CESIO	European Committee on Organic Surfactants and their Intermediates.
COD	Chemical oxygen demand
CLP	Classification, Labeling and Packaging REGULATION (EC) No 1272/2008 on classification, labeling and packaging of substances and mixtures.
CMR	Carcinogenic, Mutagenic or Reproduction Toxic Substances
CSA	Chemical safety assessment
CSR	Chemical Safety Report.
DMEL	Derived Minimum Effect Level.
DNEL	Derived no effect level
EAC	European waste catalogue
EC	European community
EC50	Effective concentration
EINECS	European Inventory of Existing Commercial Chemical Substances.
ELINCS	European List of Notified Chemical Substances.
EN	European norm.
ERC	ERC (Environmental Release category)
EU	European Union
GLP	Good Laboratory Practice.
GHS	Globally Harmonized System of Classification and Labeling of Chemicals.
GW/VL	Occupational exposure limit value.
GW-kw/VL-cd	Occupational exposure limit value - short term.
GW-M/VL-M	Occupational exposure limit value – "Ceiling".
IATA	International Air Transport Association

IBC code	International Bulk Chemical (Code) (International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk).
ICAO	International Civil Aviation Organization
IC50	Inhibition Concentration 50%.
IECSC	Inventory of Existing Chemical Substances in China.
IMDG	International Maritime Dangerous Goods
ISO	International Standards Organization.
IUPAC	International Union of Pure and Applied Chemistry
LC50	Lethal Concentration 50%.
LCLo	Lowest published lethal concentration.
LD50	Lethal Dose 50%.
LOAEL	Lowest Observed Adverse Effect Level
LOEC	Lowest observable effect concentration.
LOEL	Lowest observable effect level.
LQ	Limited quantities
TRK-Kzw	Threshold limit value - Short-term exposure limit / Technical reference concentration - short-time value, Austria.
MAK-Mow	Maximum allowable workplace concentration – instantaneous value, Austria.
MAK-Tmw, TRK-Tmw	Maximum allowable workplace concentration – daily mean value / Technical standard concentration – daily mean value, Austria.
MAK	Threshold limit values Germany.
MARPOL	International Convention for the Prevention of Pollution from Ships.
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
NOEL	no-observed-effect level
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limits
PBT	Persistent Bioaccumulative Toxic
PC (Chemical product category)	PC (Chemical product category)
PNEC	Predicted No-Effect Concentration
POCP	Photochemical ozone creation potential.
POP	Persistent Organic Pollutants
PPE	Personal protective equipment
Process category	Process category
REACH	Registration, Evaluation and Authorization of Chemicals (REGULATION (EC) No 1907/2006 concerning Registration, Evaluation Authorization and Restriction of Chemicals).
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SCL	Specific concentration limit.
STEL	Short-term Exposure Limit
STP	Sewage treatment plant
SU (Sector of use)	SU (Sector of use)
SVHC	Substance of Very High Concern.
TLV	Threshold Limit Value
TRGS	Technical Rules for Hazardous Substances (German Standard).
TWA	Time Weighted Average

UVCB	Substances of Unknown or Variable composition, Complex reaction products or Biological materials
VbF	Ordinance on Flammable Liquids, Austria
VOC	Volatile organic compounds
vPvB	Very Persistent and Very Bioaccumulative
WEL-TWA	Workplace Exposure Limit-Long term exposure limit (8-hour TWA(=time weighted average)reference period).
WEL-STEL	Workplace Exposure Limit-Short term exposure limit (15-minute reference period).

**Data sources** REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006..

**Training advice** Normal use of this product shall imply use in accordance with the instructions on the packaging

#### Full text of H- and EUH-statements

---

Aquatic Chronic 4	Hazardous to the aquatic environment — Chronic Hazard, Category 4.
Eye Dam. 1	Serious eye damage/eye irritation, Category 1.
Flam. Liq. 2	Flammable liquids, Category 2.
Flam. Liq. 3	Flammable liquids, Category 3.
Repr. 2	Reproductive toxicity, Category 2.
Skin Sens. 1	Skin sensitisation, Category 1.
Skin Sens. 1B	Skin sensitisation, category 1B.
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation.
H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.
H361f	Suspected of damaging fertility.
H413	May cause long lasting harmful effects to aquatic life.
EUH208	Contains Methyltrimethoxysilane, N-(3-(Trimethoxysilyl) propyl)-1,2-ethanediamine. May produce an allergic reaction.
EUH210	Safety data sheet available on request.

*The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.*