

Safety data sheet
in accordance with UK REACH Regulation (EC) No 1907/2006 as amended

Printing date 16.01.2026

Version number 1

Revision: 09.10.2025

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

1.1 Product identifier

Trade name: Silicone TC10 Pure White

Safety data sheet no.: 44P10848

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

No further relevant information available.

Application of the substance / the mixture Construction chemicals

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Kilwaughter Minerals Ltd.

9 Starbog Road

Larne

United Kingdom

BT40 2TJ

Phone: 028 2826 0766

Fax: 028 2826 0136

KilwaughterSDS@saint-gobain.com

1.4 Emergency telephone number:

UK: NHS 111 (Members of the public)

UK NPIS 24-hour telephone helpline: +44 (0)344 892 0111 (Healthcare professionals only)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



GHS07

Skin Sens. 1 H317 May cause an allergic skin reaction.

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the GB CLP regulation.

Hazard pictograms



GHS07

Signal word Warning

Hazard-determining components of labelling:

2-methyl-2H-isothiazol-3-one

octhiline (ISO);2-octyl-2H-isothiazol-3-one

reaction mass of 5-chloro-2- methyl-2H-isothiazol-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3- one [EC no. 220-239-6] (3:1)

Hazard statements

H317 May cause an allergic skin reaction.

(Contd. on page 2)

Safety data sheet

in accordance with UK REACH Regulation (EC) No 1907/2006 as amended

Printing date 16.01.2026

Version number 1

Revision: 09.10.2025

Trade name: Silicone TC10 Pure White

(Contd. of page 1)

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

- P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
 P272 Contaminated work clothing should not be allowed out of the workplace.
 P273 Avoid release to the environment.
 P280 Wear protective gloves.
 P302+P352 IF ON SKIN: Wash with plenty of water.
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

2.3 Other hazards
Results of PBT and vPvB assessment
PBT: Does not contain PBT substances.

vPvB: Does not contain vPvB substances.

SECTION 3: Composition/information on ingredients

3.2 Chemical characterisation: Mixtures
Description: Mixture consisting of the following components.

Dangerous components:

CAS: 13463-67-7 EINECS: 236-675-5 Reg.nr.: 01-2119489379-17-xxxx	titanium dioxide substance with a Community workplace exposure limit	2-5%
CAS: 2682-20-4 EINECS: 220-239-6 Index number: 613-326-00-9	2-methyl-2H-isothiazol-3-one ⚠ Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 2, H330; ⚠ Skin Corr. 1B, H314; Eye Dam. 1, H318; ⚠ Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=1); ⚠ Skin Sens. 1A, H317 Specific concentration limit: Skin Sens. 1A;H317: C ≥ 0.0015 %	≥0.0015-<0.025%
CAS: 330-54-1 EINECS: 206-354-4 Index number: 006-015-00-9 Reg.nr.: 01-2119517622-45-xxxx	diuron (ISO); 3-(3,4-dichlorophenyl)-1,1- dimethylurea ⚠ Carc. 2, H351; STOT RE 2, H373; ⚠ Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100)	≥0.0025-<0.025%
CAS: 13463-41-7 EINECS: 236-671-3 Index number: 613-333-00-7 Reg.nr.: 01-2119511196-46-xxxx	pyrithione zinc ⚠ Acute Tox. 3, H301; Acute Tox. 2, H330; ⚠ Repr. 1B, H360D; STOT RE 1, H372; ⚠ Eye Dam. 1, H318; ⚠ Aquatic Acute 1, H400 (M=1000); Aquatic Chronic 1, H410 (M=10)	≥0.0025-<0.025%
CAS: 26530-20-1 EINECS: 247-761-7 Index number: 613-112-00-5	octhilonone (ISO);2-octyl-2H-isothiazol-3-one ⚠ Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 2, H330; ⚠ Skin Corr. 1, H314; Eye Dam. 1, H318; ⚠ Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100); ⚠ Skin Sens. 1A, H317 Specific concentration limit: Skin Sens. 1A;H317: C ≥ 0.0015 %	≥0.00025-<0.0015%

(Contd. on page 3)

Safety data sheet
in accordance with UK REACH Regulation (EC) No 1907/2006 as amended

Printing date 16.01.2026

Version number 1

Revision: 09.10.2025

Trade name: Silicone TC10 Pure White

(Contd. of page 2)

Additional information For the wording of the listed hazard statements refer to section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information Immediately remove any clothing soiled by the product.

After inhalation

In case of unconsciousness place patient stably in side position for transportation. Supply fresh air and to be sure call for a doctor.

After skin contact

Immediately wash with water and soap and rinse thoroughly. Immediately rinse with water.

After eye contact

Rinse immediately and abundantly with water. Seek medical attention, if pain or redness persists. Remove contact lenses, if possible. Continue rinsing

After swallowing Rinse mouth. DO NOT induce vomiting. If symptoms persist consult a doctor.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents

CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

5.2 Special hazards arising from the substance or mixture No further relevant information available.

5.3 Advice for firefighters

Protective equipment: No special measures required.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures Not required

6.2 Environmental precautions:

The product must not get into lakes, rivers or canals, the sewage system or into the soil. Dam up or trap any escaping fluid immediately.

The product must not get into watercourses or into the soil.

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow product to reach sewage system or any water course.

6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose of contaminated material as waste according to section 13.

Ensure adequate ventilation.

6.4 Reference to other sections

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

(Contd. on page 4)

Safety data sheet
in accordance with UK REACH Regulation (EC) No 1907/2006 as amended

Printing date 16.01.2026

Version number 1

Revision: 09.10.2025

Trade name: Silicone TC10 Pure White

(Contd. of page 3)

See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.

Information about fire - and explosion protection: No special measures required.

7.2 Conditions for safe storage, including any incompatibilities

Storage

Requirements to be met by storerooms and receptacles:

Store only in unopened original receptacles.

Information about storage in one common storage facility: Store away from foodstuffs.

Further information about storage conditions: None.

7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Additional information about design of technical facilities: No further data; see section 7.

Ingredients with limit values that require monitoring at the workplace:

DNELs		
CAS: 13463-67-7 titanium dioxide		
Inhalative	Derived No Effect Level	1.25 mg/m ³ (worker local long term value) 0.21 mg/m ³ (consumer local long term value)
CAS: 2682-20-4 2-methyl-2H-isothiazol-3-one		
Oral	Derived No Effect Level	0.027 mg/kgxday (consumer local long term value)
Inhalative	Derived No Effect Level	0.043 mg/m ³ (worker local short term value) 0.021 mg/m ³ (worker local long term value) 0.021 mg/m ³ (consumer local long term value) 0.043 mg/m ³ (consumer local short term value)
CAS: 330-54-1 diuron (ISO); 3-(3,4-dichlorophenyl)-1,1-dimethylurea		
Dermal	Derived No Effect Level	5.79 mg/kgxday (worker systemic long term value)
Inhalative	Derived No Effect Level	0.17 mg/m ³ (worker systemic long term value)
PNECs		
CAS: 2682-20-4 2-methyl-2H-isothiazol-3-one		
Predicted No-Effect Concentration		0.0471 mg/kgxdwt (earth rating factor)
Predicted No-Effect Concentration		0.00339 mg/l (sea water rating factor) 0.00339 mg/l (fresh water rating factor)
CAS: 330-54-1 diuron (ISO); 3-(3,4-dichlorophenyl)-1,1-dimethylurea		
Predicted No-Effect Concentration		0.012 mg/kgxdwt (earth rating factor)
Predicted No-Effect Concentration		0.000032 mg/l (sea water rating factor) 0.00032 mg/l (fresh water rating factor)

(Contd. on page 5)

Safety data sheet
 in accordance with UK REACH Regulation (EC) No 1907/2006 as amended

Printing date 16.01.2026

Version number 1

Revision: 09.10.2025

Trade name: Silicone TC10 Pure White

(Contd. of page 4)

CAS: 26530-20-1 octhiline (ISO);2-octyl-2H-isothiazol-3-one

Predicted No-Effect Concentration 0.0082 mg/kgxdwt (earth rating factor)

Predicted No-Effect Concentration 0.00022 mg/l (sea water rating factor)

0.0022 mg/l (fresh water rating factor)

CAS No. / Designation of material / % / Type / Value / Unit
CAS: 13463-67-7 titanium dioxide

 WEL Long-term value: 10* 4** mg/m³
 *total inhalable **respirable

8.2 Exposure controls
Personal protective equipment:
General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid contact with the skin.

Use a moisturising skin cream after processing the product.

Respiratory protection:

In case of brief exposure or low pollution use respiratory filter device.

In case of intensive or longer exposure use self-contained respiratory protective device.

Protection of hands: Protective gloves.

Eye protection: Goggles recommended during refilling

Body protection: Protective work clothing.

SECTION 9: Physical and chemical properties
9.1 Information on basic physical and chemical properties
General Information
Appearance:

Form:	Liquid
Colour:	White
Odour:	Characteristic
Odour threshold:	Not determined

pH-value:	Not determined
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Change in condition

Melting point/freezing point:	Undetermined
Initial boiling point and boiling range:	Undetermined

Flash point:	Not applicable
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Flammability	Not applicable
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Auto-ignition temperature:	Not determined.
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Decomposition temperature:	Not determined
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Ignition temperature:	Product is not self-igniting.
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Explosive properties:	Product does not present an explosion hazard.
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(Contd. on page 6)

Safety data sheet
 in accordance with UK REACH Regulation (EC) No 1907/2006 as amended

Printing date 16.01.2026

Version number 1

Revision: 09.10.2025

Trade name: Silicone TC10 Pure White

(Contd. of page 5)

Explosion limits:	
Lower:	Not determined
Upper:	Not determined
Oxidising properties	Not determined.
Vapour pressure:	Not determined
Density:	Not determined
Bulk density:	Not applicable.
Relative density	Not determined
Vapour density	Not determined
Evaporation rate	Not determined
Solubility in / Miscibility with Water:	Not miscible or difficult to mix
Segregation coefficient (n-octanol/water) log Pow:	Not determined
Viscosity:	
dynamic:	Not determined.
kinematic:	Not determined.
Solvent separation test:	Not determined
Solvent content:	
Organic solvents:	0.3 %
Water:	14.8 %
9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity No further relevant information available.

10.2 Chemical stability Stable at recommended storage conditions

Thermal decomposition / Conditions to be avoided:

No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions No dangerous reactions known

10.4 Conditions to avoid No further relevant information available.

10.5 Incompatible materials: No further relevant information available.

10.6 Hazardous decomposition products: No dangerous decomposition products known.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

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

LD/LC50 values relevant for classification:

Components	/	Type	/	Value	/	Species
CAS: 13463-67-7 titanium dioxide						
Oral		LD50		>5,000 mg/kg		(Rat)

(Contd. on page 7)

Safety data sheet
in accordance with UK REACH Regulation (EC) No 1907/2006 as amended

Printing date 16.01.2026

Version number 1

Revision: 09.10.2025

Trade name: Silicone TC10 Pure White

(Contd. of page 6)

CAS: 2682-20-4 2-methyl-2H-isothiazol-3-one

Oral	LD50	120 mg/kg (Rat)
Dermal	LD50	242 mg/kg (Rat)
Inhalative	LC50/4 h	0.34 mg/l (Rat)

CAS: 330-54-1 diuron (ISO); 3-(3,4-dichlorophenyl)-1,1-dimethylurea

Oral	LD50	>2,000 mg/kg (Rat)
Dermal	LD50	>5,000 mg/kg (Rat)
Inhalative	LC50/4 h	>5.05 mg/l (Rat)

CAS: 13463-41-7 pyrithione zinc

Oral	LD50	221 mg/kg (ATE)
Dermal	LD50	2,100 mg/kg (Rat)
Inhalative	LC50/4 h	0.14 mg/l (ATE)

CAS: 26530-20-1 octhilinone (ISO); 2-octyl-2H-isothiazol-3-one

Oral	LD50	125 mg/kg (ATE)
Dermal	LD50	311 mg/kg (ATE)

Primary irritant effect:

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.

Respiratory or skin sensitisation

May cause an allergic skin reaction.

Additional toxicological information:
CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

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

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

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

STOT-single exposure Based on available data, the classification criteria are not met.

STOT-repeated exposure Based on available data, the classification criteria are not met.

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

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:

Harmful to aquatic life with long lasting effects (H412).

Harmful to aquatic life with long lasting effects.

Type of test / Effective concentration / Method / Assessment
CAS: 13463-67-7 titanium dioxide

IC50/72h	1 mg/l (Fish)
LC50/48h	>100 mg/l (aquatic invertebrates)
LC50/96h	>100 mg/l (Fish)
EC50/48h	>100 mg/l (aquatic invertebrates)
EC50/72h	>100 mg/l (Algae)
NOEC (72h)	≥10 mg/l (aquatic algae and cyanobacteria)

(Contd. on page 8)

Safety data sheet
in accordance with UK REACH Regulation (EC) No 1907/2006 as amended

Printing date 16.01.2026

Version number 1

Revision: 09.10.2025

Trade name: Silicone TC10 Pure White

(Contd. of page 7)

NOEC (96h)	≥1 mg/l (aquatic plants other than algae)
NOEC (21d)	≥100 mg/l (aquatic invertebrates)
NOEC (28d)	≥100 mg/l (aquatic invertebrates)
	≥0.07 mg/l (Fish)

CAS: 2682-20-4 2-methyl-2H-isothiazol-3-one

LC50/48h	0.934 mg/l (aquatic invertebrates)
	6.2 mg/l (Fish)
LC50/24h	7.3 mg/l (Fish)
LC50/96h	1.81 mg/l (aquatic invertebrates)
	4.77 mg/l (Fish)
EC50/24h	0.445 mg/l (aquatic algae and cyanobacteria)
	1.7 mg/l (aquatic invertebrates)
EC50/48h	1.6 mg/l (aquatic invertebrates)
EC50/96h	0.0725 mg/l (aquatic algae and cyanobacteria)
NOEC (21d)	0.042 mg/l (aquatic invertebrates)
EC 10/16h	1 mg/l (microorganisms)

CAS: 330-54-1 diuron (ISO); 3-(3,4-dichlorophenyl)-1,1-dimethylurea

IC50/72h	0.022 mg/l (Scenedesmus subspicatus (Algae))
LC50/96h	14.7 mg/l (Fish)
EC50/48h	1.4 mg/l (Daphnia magna)
EC50/72h	0.022-0.0309 mg/l (Algae)
NOEC (96h)	0.0032-0.01 mg/l (Algae)
NOEC (21d)	0.1-0.56 mg/l (Daphnia magna)

CAS: 13463-41-7 pyrithione zinc

EC50/48h	0.0082 mg/l (aquatic invertebrates)
EC50/96h	0.0013 mg/l (aquatic algae and cyanobacteria)
	0.0063 mg/l (aquatic invertebrates)
NOEC (96h)	0.00046 mg/l (aquatic algae and cyanobacteria)

CAS: 26530-20-1 octhilinone (ISO); 2-octyl-2H-isothiazol-3-one

LC50/48h	0.181 mg/l (aquatic invertebrates)
LC50/96h	0.122 mg/l (Fish)
EC50/96h	0.15 mg/l (aquatic algae and cyanobacteria)
EC 10	0.068 mg/l (aquatic algae and cyanobacteria)

12.2 Persistence and degradability No further relevant information available.

Method
CAS: 13463-41-7 pyrithione zinc

Biod. (28 days)	39 %
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12.3 Bioaccumulative potential
CAS: 330-54-1 diuron (ISO); 3-(3,4-dichlorophenyl)-1,1-dimethylurea

EBAB	2.8 log Pow
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(Contd. on page 9)

Safety data sheet

in accordance with UK REACH Regulation (EC) No 1907/2006 as amended

Printing date 16.01.2026

Version number 1

Revision: 09.10.2025

Trade name: Silicone TC10 Pure White

(Contd. of page 8)

CAS: 13463-41-7 pyrithione zinc

EBAB	0.9 log Pow
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CAS: 26530-20-1 octhilinone (ISO);2-octyl-2H-isothiazol-3-one

EBAB	2.61 log Pow (Bioaccumulation)
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Bioaccumulation Factor (BCF)	19.21
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12.4 Mobility in soil No further relevant information available.

Ecotoxicological effects:
Remark: Harmful to fish

Behaviour in sewage processing plants:
Type of test / Effective concentration / Method / Assessment
CAS: 13463-67-7 titanium dioxide

EC 50 (3h)	1,000 mg/l (microorganisms)
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CAS: 2682-20-4 2-methyl-2H-isothiazol-3-one

EC 50 (3h)	41 mg/l (microorganisms)
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Additional ecological information:
General notes:

Danger to drinking water if even extremely small quantities leak into the ground.

Harmful to aquatic organisms

12.5 Results of PBT and vPvB assessment
PBT: Does not contain PBT substances.

vPvB: Does not contain vPvB substances.

12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods
Recommendation Dispose of the product in accordance with national and local regulations.

Uncleaned packaging:
Recommendation:

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

SECTION 14: Transport information

14.1 UN-Number

ADR, IMDG, IATA	Void
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14.2 UN proper shipping name

ADR, IMDG, IATA	Void
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14.3 Transport hazard class(es)

ADR, ADN, IMDG, IATA Class	Void
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(Contd. on page 10)

Safety data sheet

in accordance with UK REACH Regulation (EC) No 1907/2006 as amended

Printing date 16.01.2026

Version number 1

Revision: 09.10.2025

Trade name: Silicone TC10 Pure White

(Contd. of page 9)

14.4 Packing group ADR, IMDG, IATA	Void
14.5 Environmental hazards:	Not applicable
14.6 Special precautions for user	Not applicable
14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable
UN "Model Regulation":	Void

SECTION 15: Regulatory information

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

Poisons Act

Regulated explosives precursors

None of the ingredients is listed.

Regulated poisons

None of the ingredients is listed.

Reportable explosives precursors

None of the ingredients is listed.

Reportable poisons

None of the ingredients is listed.

Directive 2012/18/EU

Named dangerous substances - ANNEX I None of the ingredients is listed.

REGULATION (EU) 2017/852 on mercury (Annex I)

None of the ingredients is listed.

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

- H301 Toxic if swallowed.
- H311 Toxic in contact with skin.
- H314 Causes severe skin burns and eye damage.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H330 Fatal if inhaled.
- H351 Suspected of causing cancer.
- H360D May damage the unborn child.
- H372 Causes damage to organs through prolonged or repeated exposure.
- H373 May cause damage to organs through prolonged or repeated exposure.

(Contd. on page 11)

Safety data sheet
 in accordance with UK REACH Regulation (EC) No 1907/2006 as
 amended

Printing date 16.01.2026

Version number 1

Revision: 09.10.2025

Trade name: Silicone TC10 Pure White

(Contd. of page 10)

H400 Very toxic to aquatic life.
 H410 Very toxic to aquatic life with long lasting effects.

Department issuing SDS: EHS
Contact:

Kilwaughter SDS
 Phone: 028 2826 0766
 KilwaughterSDS@saint-gobain.com

Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
 IMDG: International Maritime Code for Dangerous Goods
 IATA: International Air Transport Association
 IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
 ICAO: International Civil Aviation Organisation
 GHS: Globally Harmonised System of Classification and Labelling of Chemicals
 EINECS: European Inventory of Existing Commercial Chemical Substances
 ELINCS: European List of Notified Chemical Substances
 CAS: Chemical Abstracts Service (division of the American Chemical Society)
 DNEL: Derived No-Effect Level (UK REACH)
 PNEC: Predicted No-Effect Concentration (UK REACH)
 LC50: Lethal concentration, 50 percent
 LD50: Lethal dose, 50 percent
 PBT: Persistent, Bioaccumulative and Toxic
 vPvB: very Persistent and very Bioaccumulative
 Acute Tox. 3: Acute toxicity – Category 3
 Acute Tox. 2: Acute toxicity – Category 2
 Skin Corr. 1: Skin corrosion/irritation – Category 1
 Skin Corr. 1B: Skin corrosion/irritation – Category 1B
 Eye Dam. 1: Serious eye damage/eye irritation – Category 1
 Skin Sens. 1: Skin sensitisation – Category 1
 Skin Sens. 1A: Skin sensitisation – Category 1A
 Carc. 2: Carcinogenicity – Category 2
 Repr. 1B: Reproductive toxicity – Category 1B
 STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1
 STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2
 Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
 Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1
 Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3