Safety Data Sheet

according to Regulation (EC) No 1907/2006, Article 31, as amended by Regulation (EU) 2020/878.

Printing date 09.07.2025 Version number 1 Revision: 07.04.2022

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

1.1 Product identifier
Trade name: webertex UV star

Safety data sheet no.: XXP016698
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
Pure acrylic based, high UV resistant, semi-gloss façade paint.

1.3 Details of the supplier of the safety data sheet
Manufacturer/Supplier:
Saint-Gobain Weber Yapı Kim. San. ve Tic. A.S.
Kemalpaşa OSB Mah. Kuyucak Yolu Sokak No:284
35730 Kemalpaşa / Izmir
TURKEY
Tel: +90 232 397 07 00
Fax: +90 232 397 08 00
1.4 Emergency telephone number:
Tel: +90 232 397 07 13-07 84
National Poison Information Center (UZEM): 114
Tel: +90 232 397 07 13-0784
Ulusal Zehir Danışma Merkezi (UZEM) : 114

*

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 CLP regulation.
Hazard pictograms


GHS07

Signal word Warning

Hazard-determining components of labelling:
octhilinone (ISO);2-octyl-2H-isothiazol-3-one

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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)
1,2-benzisothiazol-3(2H)-one

Hazard statements
H317 May cause an allergic skin reaction.
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements
P103 Read carefully and follow all instructions.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P273 Avoid release to the environment.
P302+P352 IF ON SKIN: Wash with plenty of water.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

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

*

SECTION 3: Composition/information on ingredients

3.2 Mixtures
Description: Mixture of substances listed below with non hazardous additions.

Dangerous components:		
CAS: 13463-67-7 EINECS: 236-675-5 Reg.nr.: 01-2119489379-17-xxxx	titanium dioxide Note: V, W, 10 substance with a Community workplace exposure limit	10-25%
CAS: 471-34-1 EINECS: 207-439-9 Reg.nr.: 01-2119486795-18-xxxx	Calcium carbonate substance with a Community workplace exposure limit	10-20%
CAS: 107-21-1 EINECS: 203-473-3 Index number: 603-027-00-1 Reg.nr.: 01-2119456816-28-xxxx	ethane-1,2-diol STOT RE 2, H373; Acute Tox. 4, H302 substance with a Community workplace exposure limit	2-5%
CAS: 1336-21-6 EINECS: 215-647-6 Index number: 007-001-01-2 Reg.nr.: 01-2119488876-14-xxxx	Ammonium hydroxide Skin Corr. 1B, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=1); STOT SE 3, H335 Note: B Specific concentration limit: STOT SE 3;H335: C ≥ 5 % substance with a Community workplace exposure limit	≥0.1-<0.25%

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CAS: 2634-33-5 EINECS: 220-120-9 Index number: 613-088-00-6	1,2-benzisothiazol-3(2H)-one Acute Tox. 2, H330; Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=1); Aquatic Chronic 1, H410 (M=1); Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1A, H317 ATE: LD50 oral: 450 mg/kg LC50/4 h inhalative: 0.21 mg/l Specific concentration limit: Skin Sens. 1A;H317: C ≥ 0.036 % substance with a Community workplace exposure limit	<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) ATE: LD50 oral: 221 mg/kg LC50/4 h inhalative: 0.14 mg/l substance with a Community workplace exposure limit	≥0.0025-<0.025%
CAS: 886-50-0 EINECS: 212-950-5	terbutryn Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100); Acute Tox. 4, H302; Skin Sens. 1, H317	≥0.0025-<0.025%

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CAS: 26530-20-1 EINECS: 247-761-7 Index number: 613-112-00-5 Reg.nr.: 01-2120768921-45-xxxx	octhilinone (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, EUH071 ATE: LD50 oral: 125 mg/kg LD50 dermal: 311 mg/kg LC50/4 h inhalative: 0.27 mg/l Specific concentration limit: Skin Sens. 1A;H317: C ≥ 0.0015 %	≥0.0025-<0.025%
CAS: 55965-84-9 EC number: 611-341-5 Index number: 613-167-00-5	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) Acute Tox. 3, H301; Acute Tox. 2, H310; Acute Tox. 2, H330; Skin Corr. 1C, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100); Skin Sens. 1A, H317, EUH071 Note: B Specific concentration limits: Skin Corr. 1C;H314: C ≥ 0.6 % Skin Irrit. 2; H315: 0.06 % ≤ C < 0.6 % Eye Dam. 1; H318: C ≥ 0.6 % Eye Irrit. 2; H319: 0.06 % ≤ C < 0.6 % Skin Sens. 1A; H317: C ≥ 0.0015 % substance with a Community workplace exposure limit	≥0.0015-<0.0025%

SVHC Void

Additional information

(CAS:13463-67-7) Titanium dioxide

Note 10 of CLP classification: The classification as a carcinogen by inhalation applies only to mixtures in powder form containing 1 % or more of titanium dioxide which is in the form of or incorporated in particles with aerodynamic diameter ≤ 10 µm.

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 Supply fresh air and to be sure call for a doctor.

After skin contact 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

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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

Seek immediate medical advice (show the instructions for use and/or the Safety Data Sheet if possible)

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents

The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. Use foam, carbon dioxide, dry powder or water fog to extinguish.

5.2 Special hazards arising from the substance or mixture

The product is not flammable, it is not explosive, and does not enable or feed combustion in other materials.

5.3 Advice for firefighters

Protective equipment:

Protective and inhalation equipment may be used according to magnitude of the fire. Minimum emergency equipment should be present (fire blanket, first aid kit, etc).

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use respiratory protective device against the effects of fumes/dust/aerosol.

Ensure adequate ventilation.

6.2 Environmental precautions:

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

Do not allow to enter sewers/ surface or ground water.

Do not allow to penetrate the ground/soil.

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.

See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling Ensure good ventilation/exhaustion at the workplace.

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

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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.

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SECTION 8: Exposure controls/personal protection

8.1 Control parameters
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/m³ (worker local long term value)
		0.21 mg/m³ (consumer local long term value)
CAS: 471-34-1 Calcium carbonate		
Oral	Derived No Effect Level	6.1 mg/kgxday (consumer systemic long term value)
Inhalative	Derived No Effect Level	6.36 mg/m³ (worker local long term value)
		1.06 mg/m³ (consumer local long term value)
CAS: 107-21-1 ethane-1,2-diol		
Dermal	Derived No Effect Level	106 mg/kgxday (worker systemic long term value)
		53 mg/kgxday (consumer systemic long term value)
Inhalative	Derived No Effect Level	35 mg/m³ (worker local long term value)
		7 mg/m³ (consumer local long term value)
CAS: 1336-21-6 Ammonium hydroxide		
Oral	Derived No Effect Level	6.8 mg/kgxday (consumer systemic long term value)
Dermal	Derived No Effect Level	6.8 mg/kgxday (worker systemic long term value)
		6.8 mg/kgxday (consumer systemic long term value)
Inhalative	Derived No Effect Level	47.6 mg/m³ (worker systemic long term value)
		23.8 mg/m³ (consumer systemic long term value)
CAS: 2634-33-5 1,2-benzisothiazol-3(2H)-one		
Dermal	Derived No Effect Level	0.966 mg/kgxday (worker systemic long term value)
		0.345 mg/kgxday (consumer systemic long term value)
Inhalative	Derived No Effect Level	6.81 mg/m³ (worker systemic long term value)
		1.2 mg/m³ (consumer systemic long term value)
CAS: 55965-84-9 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)		
Oral	Derived No Effect Level	0.09 mg/kgxday (consumer systemic long term value)

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Inhalative	Derived No Effect Level	0.02 mg/m³ (worker local long term value) 0.02 mg/m³ (consumer local long term value)

PNECs	
CAS: 1336-21-6 Ammonium hydroxide	
Predicted No-Effect Concentration	0.022 mg/kgxdwt (earth rating factor)
Predicted No-Effect Concentration	0.001 mg/l (sea water rating factor)
	0.001 mg/l (fresh water rating factor)
CAS: 2634-33-5 1,2-benzisothiazol-3(2H)-one	
Predicted No-Effect Concentration	3 mg/kgxdwt (earth rating factor)
Predicted No-Effect Concentration	0.000403 mg/l (sea water rating factor)
	0.00403 mg/l (fresh water rating factor)
CAS: 26530-20-1 octhilinone (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: 55965-84-9 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)	
Predicted No-Effect Concentration	0.01 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 No. / Designation of material / % / Type / Value / Unit	
CAS: 13463-67-7 titanium dioxide	
AGW (Germany)	Long-term value: 1.25* 10** mg/m³ 2(II);*alveolengängig**einatembar; AGS, DFG, Y
GV (Denmark)	Short-term value: 12 mg/m³ Long-term value: 6 mg/m³ K, som Ti
LEP (Spain)	Long-term value: 10 mg/m³
TWA (Italy)	Long-term value: 10 mg/m³ A4
VLE (Portugal)	Long-term value: 10 mg/m³ A4; Irritação do TRI
OEL (Sweden)	Long-term value: 5 mg/m³ totaldamm
CAS: 471-34-1 Calcium carbonate	
LEP (Spain)	Long-term value: 10 mg/m³
TWA (Italy)	Long-term value: (10) mg/m³ (e)
VLE (Portugal)	Long-term value: (10) mg/m³ (Irritação)

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CAS: 107-21-1 ethane-1,2-diol	
IOELV (European Union)	Short-term value: 104 mg/m³, 40 ppm Long-term value: 52 mg/m³, 20 ppm Skin
AGW (Germany)	Long-term value: 26 mg/m³, 10 ppm 2(I);DFG, EU, H, Y, 11
GV (Denmark)	Short-term value: 104 20* mg/m³, 40 ppm Long-term value: 26 10* mg/m³, 10 ppm EH; *forstøvet
LEP (Spain)	Short-term value: 104 mg/m³, 40 ppm Long-term value: 52 mg/m³, 20 ppm vía dérmica, VLI
TWA (Italy)	Ceiling limit: 100 mg/m³ A4 (aerosol)
VL (Italy)	Short-term value: 104 mg/m³, 40 ppm Long-term value: 52 mg/m³, 20 ppm Cute
VLE (Portugal)	Ceiling limit: (100) mg/m³ apenas aerossol, A4; Irritação ocular, do TRS
OEL (Sweden)	Short-term value: 104 mg/m³, 40 ppm Long-term value: 25 mg/m³, 10 ppm H
HTP (Finland)	Short-term value: 100 mg/m³, 40 ppm Long-term value: 50 mg/m³, 20 ppm iho
CAS: 57-55-6 1,2-Propandiol	
MAK (Germany)	als Dampf und Aerosol;vgl.Abschn.IIb und Xc
CAS: 1336-21-6 Ammonium hydroxide	
AGW (Germany)	Long-term value: 14 mg/m³, 20 ppm 2(I);DFG, EU, Y
HTP (Finland)	Short-term value: 36 mg/m³, 50 ppm Long-term value: 14 mg/m³, 20 ppm
CAS: 2634-33-5 1,2-benzisothiazol-3(2H)-one	
MAK (Germany)	vgl.Abschn.IIb und Xc
CAS: 13463-41-7 pyrithione zinc	
MAK (Germany)	vgl. Abschn.IIb
CAS: 55965-84-9 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)	
MAK (Germany)	Long-term value: 0.2E mg/m³ vgl.Abschn.Xc

8.2 Exposure controls

Appropriate engineering controls No further data; see section 7.

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Individual protection measures, such as 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.
Hand protection Protective gloves.
Eye/face protection Goggles recommended during refilling
Body protection: Protective work clothing.

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information	
Physical state	Liquid
Colour:	According to product specification
Odour:	Odourless
Odour threshold:	Not determined.
Melting point/freezing point:	Undetermined.
Boiling point or initial boiling point and boiling range	Undetermined.
Flammability	Not applicable.
Lower and upper explosion limit	
Lower:	Not determined.
Upper:	Not determined.
Flash point:	Not applicable
Auto-ignition temperature:	Not determined.
Decomposition temperature:	Not determined.
pH	Not determined.
Viscosity:	
Kinematic viscosity	Not determined.
dynamic:	Not determined.
Solubility	
Water:	Fully miscible
Partition coefficient n-octanol/water (log value)	Not determined.
Vapour pressure:	Not determined.
Density and/or relative density	
Density:	Not determined
Relative density	Not determined.
Bulk density:	Not applicable.
Vapour density	Not determined.

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9.2 Other information

Appearance:	
Form:	Liquid
Important information on protection of health and environment, and on safety.	
Ignition temperature:	Product is not self-igniting.
Explosive properties:	Product does not present an explosion hazard.
Minimum ignition energy	
Solvent separation test:	Not applicable.
Solvent content:	
Organic solvents:	4.8 %
Water:	41.8 %
EU-VOC (%)	3.0650 %
EU-VOC (g/L)	34.9000 g/l
Change in condition	
Softening point/range	
Oxidising properties	Not determined.
Evaporation rate	Not determined.

Information with regard to physical hazard classes	
Explosives	Void
Flammable gases	Void
Aerosols	Void
Oxidising gases	Void
Gases under pressure	Void
Flammable liquids	Void
Flammable solids	Void
Self-reactive substances and mixtures	Void
Pyrophoric liquids	Void
Pyrophoric solids	Void
Self-heating substances and mixtures	Void
Substances and mixtures, which emit flammable gases in contact with water	Void
Oxidising liquids	Void
Oxidising solids	Void
Organic peroxides	Void
Corrosive to metals	Void
Desensitised explosives	Void

SECTION 10: Stability and reactivity

10.1 Reactivity No further relevant information available.
10.2 Chemical stability Stable at recommended storage conditions

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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 hazard classes as defined in Regulation (EC) No 1272/2008
Acute toxicity Based on available data, the classification criteria are not met.
LD/LC50 values relevant for classification:

Components / Type / Value / Species		
Aqueous dispersion of a polymer based on: acrylic ester, styrene		
Oral	LD50	>2,000-10,000 mg/kg (Rat)
CAS: 13463-67-7 titanium dioxide		
Oral	LD50	>5,000 mg/kg (Rat)
CAS: 471-34-1 Calcium carbonate		
Oral	LD50	>2,000 mg/kg (Rat)
Dermal	LD50	>2,000 mg/kg (Rat)
CAS: 107-21-1 ethane-1,2-diol		
Oral	LD50	7,712 mg/kg (Rat)
Dermal	LD50	>3,500 mg/kg (Mouse)
		9,530 mg/kg (Rabbit)
CAS: 2634-33-5 1,2-benzisothiazol-3(2H)-one		
Oral	LD50	450 mg/kg (ATE)
Dermal	LD50	>2,000 mg/kg (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: 886-50-0 terbutryn		
Oral	LD50	1,000-2,045 mg/kg (Rat)
Dermal	LD50	>2,000 mg/kg (Rabbit)
CAS: 26530-20-1 octhilinone (ISO);2-octyl-2H-isothiazol-3-one		
Oral	LD50	125 mg/kg (ATE)
Dermal	LD50	311 mg/kg (ATE)
Inhalative	LC50/4 h	0.27 mg/l (ATE)

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CAS: 55965-84-9 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)		
Oral	LD50	457 mg/kg (Rat)
Dermal	LD50	660 mg/kg (Rabbit)
Inhalative	LC50/4 h	2.36 mg/l (Rat)

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.
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.

CAS: 107-21-1 ethane-1,2-diol		
Dermal	OECD 410 Repeated Dose Dermal Toxicity: 21/28-Day	2,200 mg/kg bw/day (Dog)

Aspiration hazard Based on available data, the classification criteria are not met.
11.2 Information on other hazards

Endocrine disrupting properties
None of the ingredients is listed.

*

SECTION 12: Ecological information

12.1 Toxicity
Aquatic toxicity: Harmful to aquatic life with long lasting effects (H412).

Type of test / Effective concentration / Method / Assessment	
Aqueous dispersion of a polymer based on: acrylic ester, styrene	
LC50/96h	>100 mg/l (Brachydanio rerio (zebra danio))
EC50/48h	>100 mg/l (Daphnia magna)
EC50/72h	>100 mg/l (Scenedesmus subspicatus (Algae))
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)
NOEC (96h)	≥1 mg/l (aquatic plants other than algae)
NOEC (21d)	≥100 mg/l (aquatic invertebrates)

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NOEC (28d)	≥100 mg/l (aquatic invertebrates)
	≥0.07 mg/l (Fish)
CAS: 471-34-1 Calcium carbonate	
EC50/72h	14 mg/l (Algae)
CAS: 107-21-1 ethane-1,2-diol	
LC50/96h	49,000-57,000 mg/l (Fish)
EC50/48h	>100 mg/l (aquatic invertebrates)
NOEC (72h)	>100 mg/l (aquatic algae and cyanobacteria)
NOEC (28d)	>40 mg/l (Fish)
EC 0/48h	≥100 mg /l (aquatic invertebrates)
CAS: 1336-21-6 Ammonium hydroxide	
LC50/48h	101 mg/l (aquatic invertebrates)
LC50/96h	0.083 mg/l (Fish)
NOEC (72h)	≥15 mg/l (aquatic algae and cyanobacteria)
NOEC (21d)	0.79 mg/l (aquatic invertebrates)
CAS: 2634-33-5 1,2-benzisothiazol-3(2H)-one	
LC50/96h	2.15-22 mg/l (Fish)
EC50/48h	2.9 mg/l (aquatic invertebrates)
EC50/72h	0.07-0.15 mg/l (aquatic algae and cyanobacteria)
NOEC (72h)	0.0403-0.055 mg/l (aquatic algae and cyanobacteria)
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: 886-50-0 terbutryn	
IC50/72h	0.0055 mg/l (Selenastrum capricornutum (Green algae))
LC50/96h	1.1-1.3 mg/l (Fish)
EC50/48h	2.66 mg/l (Daphnia magna)
NOEC (21d)	1.3 mg/l (Daphnia magna)
	0.01 mg/l (Fish)
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)

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CAS: 55965-84-9 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)	
LC50/48h	0.18 mg/l (Daphnia magna)
LC50/96h	0.282 mg/l (Daphnia magna)
	0.19-0.3 mg/l (Fish)
EC50/24h	0.109 mg/l (Daphnia magna)
	0.0107 mg/l (aquatic algae and cyanobacteria)
EC50/48h	0.16 mg/l (Daphnia magna)
	0.0181-0.0371 mg/l (aquatic algae and cyanobacteria)
EC50/96h	0.0357 mg/l (aquatic algae and cyanobacteria)
EC50/72h	0.0063-0.0273 mg/l (aquatic algae and cyanobacteria)
NOEC (14d)	0.035 mg/l (Daphnia magna)
NOEC (21d)	0.011-1.05 mg/l (Daphnia magna)
NOEC (28d)	0.098 mg/l (Fish)

12.2 Persistence and degradability No further relevant information available.

Method	
CAS: 107-21-1 ethane-1,2-diol	
Biod. (28 days)	>90 % (Biodegradation)
CAS: 13463-41-7 pyrithione zinc	
Biod. (28 days)	39 %

12.3 Bioaccumulative potential	
CAS: 2634-33-5 1,2-benzisothiazol-3(2H)-one	
EBAB	0.7 log Pow
CAS: 13463-41-7 pyrithione zinc	
EBAB	0.9 log Pow
CAS: 886-50-0 terbutryn	
EBAB	3.66 log Pow
CAS: 26530-20-1 octhilinone (ISO);2-octyl-2H-isothiazol-3-one	
EBAB	2.61 log Pow (Bioaccumulation)
Bioaccumulation Factor (BCF)	19.21
CAS: 55965-84-9 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)	
EBAB	0.75 log Pow

12.4 Mobility in soil No further relevant information available.

12.5 Results of PBT and vPvB assessment

PBT: Does not contain PBT substances.

vPvB: Does not contain vPvB substances.

12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

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12.7 Other adverse 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)
CAS: 471-34-1 Calcium carbonate	
EC 50 (3h)	1,000 mg/l (microorganisms)
CAS: 2634-33-5 1,2-benzisothiazol-3(2H)-one	
EC 50 (3h)	12.8-24 mg/l (microorganisms)
CAS: 55965-84-9 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)	
EC 50 (3h)	4.5 mg/l (microorganisms)

Additional ecological information:

General notes:
Danger to drinking water if even small quantities leak into the ground.
Harmful to aquatic organisms

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SECTION 13: Disposal considerations

13.1 Waste treatment methods

European waste catalogue	
08 01 12	waste paint and varnish other than those mentioned in 08 01 11
08 01 20	aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19
HP14	Ecotoxic

Uncleaned packaging:
Recommendation:
Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

SECTION 14: Transport information

14.1 UN number or ID number **ADR, IMDG, IATA**	Not applicable. Void
14.2 UN proper shipping name **ADR, IMDG, IATA**	Not applicable. Void
14.3 Transport hazard class(es)	Not applicable.

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ADR, ADN, IMDG, IATA **Class**	Void
14.4 Packing group **ADR, IMDG, IATA**	Not applicable. Void
14.5 Environmental hazards:	Not applicable.
14.6 Special precautions for user	Not applicable.
14.7 Maritime transport in bulk according to IMO instruments	Not applicable.
UN "Model Regulation":	Void

*

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
Regulation (EC) No 1907/2006 (REACH) (Candidate List, Annexes XIV and XVII)
Regulation (EC) No 1272/2008 (CLP)
Regulation (EU) 2020/878 (amending REACH Annex II on the compilation of safety data sheets)
Labelling according to Regulation (EC) No 1272/2008 cf. section 2

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.

REGULATION (EU) 2019/1021 on persistent organic pollutants (POP)
None of the ingredients is listed.

REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

Regulation (EU) No 649/2012
None of the ingredients is listed.

DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II
None of the ingredients is listed.

REGULATION (EU) 2019/1148

Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))
None of the ingredients is listed.

Annex II - REPORTABLE EXPLOSIVES PRECURSORS
None of the ingredients is listed.

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Regulation (EC) No 273/2004 on drug precursors		
CAS: 7647-01-0	hydrochloric acid	3

Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors		
CAS: 7647-01-0	hydrochloric acid	3

REGULATION (EU) 2024/590 on substances that deplete the ozone layer
None of the ingredients is listed.

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

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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.
This Safety Data Sheets is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

Relevant phrases
The following list of relevant hazard statements is the full text of hazard statements mentioned elsewhere in this safety data sheet (in particular in the section 3) and is reported as required by the Regulation (EC) No 1907/2006 (REACH), Annex II, and the following amendments (Regulation (EU) 2020/878). The statements mentioned here do not refer to the product itself, but refer to the individual ingredients in the products, and are provided for information.

H301 Toxic if swallowed.
H302 Harmful if swallowed.
H310 Fatal in contact with skin.
H311 Toxic in contact with skin.
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.
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.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
EUH071 Corrosive to the respiratory tract.

Classification according to Regulation (EC) No 1272/2008	
Skin sensitisation Hazardous to the aquatic environment - long-term (chronic) aquatic hazard	The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

Department issuing SDS: Research and development

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Contact:
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Sesil Genç
(Sertifika No: TÜV/11.216.13 - Geçerlilik tarihi 19.10.2028)

Cerem Pişkin
(Sertifika No: TÜV/13.85.02 - Geçerlilik tarihi 12.10.2028)

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 (REACH)
PNEC: Predicted No-Effect Concentration (REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
SVHC: Substances of Very High Concern (REACH regulation)
vPvB: very Persistent and very Bioaccumulative
ATE: Acute toxicity estimate values
Acute Tox. 3: Acute toxicity – Category 3
Acute Tox. 4: Acute toxicity – Category 4
Acute Tox. 2: Acute toxicity – Category 2
Skin Corr. 1: Skin corrosion/irritation – Category 1
Skin Corr. 1B: Skin corrosion/irritation – Category 1B
Skin Corr. 1C: Skin corrosion/irritation – Category 1C
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Skin Sens. 1: Skin sensitisation – Category 1
Skin Sens. 1A: Skin sensitisation – Category 1A
Repr. 1B: Reproductive toxicity – Category 1B
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
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

*** Data compared to the previous version altered.**
According to Annex II of the REACH regulation, the modified sections in this version of the Safety Data Sheet in comparison with the previous one are marked with asterisks.