Safety Data Sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 18.06.2024 Version number 1 Revision: 18.06.2024

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

1.1 Product identifier
Trade name: weberton vivid (RO)

Safety data sheet no.: XXP018139
1.2 Relevant identified uses of the substance or mixture and uses advised against
The product is intended for professional or consumer use.
Application of the substance / the mixture
Construction chemicals
Paint
Uses advised against
Food additive
Uses other than those recommended.

1.3 Details of the supplier of the safety data sheet
Manufacturer/Supplier:
Saint -Gobain Construction Products Romania SRL
Bucureşti, Sector 1
One United Tower, Calea Floreasca nr. 165, etajul 10
Romania
Phone: +4021 207 57 51/50
e-mail: info.constructionproducts@saint-gobain.com
1.4 Emergency telephone number:
Contact: infotox@insp.gov.ro
Tel. 004021 318 36 06 Institutul National de Sanatate Publica
Opening hours 8:00 – 15:00
Emergency call 112

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.

(Contd. on page 2)

Safety Data Sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 18.06.2024 Version number 1 Revision: 18.06.2024

Trade name: weberton vivid (RO)

(Contd. of page 1)

Hazard pictograms

GHS07

Signal word Warning

Hazard-determining components of labelling:
octhilinone (ISO);2-octyl-2H-isothiazol-3-one
4,5-dichloro-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)
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
P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read carefully and follow all instructions.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P302+P352 IF ON SKIN: Wash with plenty of water.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Additional information:
Information according to the Biocidal Products Regulation (EU) 528/2012: this product contains a biocidal product.
Active substance for preservation during storage: 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) (CAS no.: 55965-84-9)
Contains a biocidal product to preserve the paint layer:
EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

2.3 Other hazards
Results of PBT and vPvB assessment
PBT: Does not contain PBT substances.
vPvB: Does not contain vPvB substances.
Determination of endocrine-disrupting properties
For information on endocrine disrupting properties see section 11.

(Contd. on page 3)

Safety Data Sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 18.06.2024 Version number 1 Revision: 18.06.2024

Trade name: weberton vivid (RO)

(Contd. of page 2)

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description: Mixture consisting of the following components.

Dangerous components:		
CAS: 1317-65-3 EINECS: 215-279-6 Reg.nr.: 01-2119486795-18-xxxx	calcium carbonate substance with a Community workplace exposure limit	25-50%
CAS: 13463-67-7 EINECS: 236-675-5 Reg.nr.: 01-2119489379-17-xxxx	titanium dioxide substance with a Community workplace exposure limit	10-20%
CAS: 471-34-1 EINECS: 207-439-9 Reg.nr.: 01-2119486795-18-xxxx	calcium carbonate substance with a Community workplace exposure limit	2-5%
CAS: 13463-67-7 EINECS: 236-675-5 Index number: 022-006-00-2 Reg.nr.: 01-2119489379-17-xxxx	titanium dioxide Carc. 2, H351, EUH211, EUH212	1-2%
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	0.1-1%
CAS: 111-76-2 EINECS: 203-905-0 Index number: 603-014-00-0 Reg.nr.: 01-2119475108-36-xxxx	2-butoxyethanol Acute Tox. 3, H331; Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2, H319 ATE: LD50 oral: 1,200 mg/kg LC50/4 h inhalative: 3 mg/l	0.1-1%
CAS: 2634-33-5 EINECS: 220-120-9 Index number: 613-088-00-6	1,2-benzisothiazol-3(2H)-one Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=1); Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317 Specific concentration limit: Skin Sens. 1;H317: C ≥ 0.05 %	<0.05%

(Contd. on page 4)

Safety Data Sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 18.06.2024 Version number 1 Revision: 18.06.2024

Trade name: weberton vivid (RO)

(Contd. of page 3)

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%
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 %	≥0.0015-<0.0025%
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 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 %	≥0.00025-<0.0015%
CAS: 64359-81-5 EINECS: 264-843-8 Index number: 613-335-00-8	4,5-dichloro-2-octyl-2H-isothiazol-3-one Acute Tox. 2, H330; Skin Corr. 1, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100); Acute Tox. 4, H302; Skin Sens. 1A, H317, EUH071 ATE: LD50 oral: 567 mg/kg LC50/4 h inhalative: 0.16 mg/l Specific concentration limits: Skin Irrit. 2;H315: C ≥ 0.025 % Eye Irrit. 2; H319: C ≥ 0.025 % Skin Sens. 1A; H317: C ≥ 0.0015 %	≥0.0015-<0.0025%

SVHC

This product does not contain any Substances of Very High Concern on the Candidate List (according to REACH regulation (EC) No 1907/2006, article 57) in a concentration ≥ 0.1%/w.

(Contd. on page 5)

Safety Data Sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 18.06.2024 Version number 1 Revision: 18.06.2024

Trade name: weberton vivid (RO)

(Contd. of page 4)

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
Never administer anything by mouth to an unconscious person.
If unconscious, place the patient in a stable side position and consult a doctor
Immediately remove any clothing soiled by the product.
After inhalation Supply fresh air; consult doctor in case of complaints.
After skin contact
Immediately rinse with water.
If skin irritation continues, consult a doctor.
Remove contaminated gloves, clothing, footwear or other items and wash thoroughly before re-use.
After eye contact
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor. Rinse liquid should be tempered (20-30°C).
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
Allergies may occur for predisposed subjects.
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
The product is not combustible.
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:
Wear fully protective suit.
Use methods suitable to surrounding conditions.
Additional information
Collect contaminated fire fighting water separately. It must not enter the sewage system.
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

(Contd. on page 6)

Safety Data Sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 18.06.2024 Version number 1 Revision: 18.06.2024

Trade name: weberton vivid (RO)

(Contd. of page 5)

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Wear protective equipment. Keep unprotected persons away.
Avoid contact with skin and eyes.
Avoid inhalation of vapors.
If adequate ventilation cannot be ensured, it is recommended to wear a protective mask (FFP2) and safety glasses
Contaminated protective equipment should be cleaned (by washing).
For non-emergency personnel
Avoid contact with skin and eyes.
Use personal protective equipment.
For emergency responders No special equipment is required.
6.2 Environmental precautions:
Contain the spilled liquid. Use appropriate containment to avoid environmental contamination.
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).
Use containment methods recommended for liquid products in pasty form.
Dispose of contaminated material as waste according to section 13.
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
Keep receptacles tightly sealed.
Avoid contact with skin and eyes.
Do not drink or eat while working. Wash hands thoroughly before breaks and after finishing work.
Remove contaminated clothing and protective equipment before entering the dining room.
Information about fire - and explosion protection: No special measures required.

Handling The palletized product should be handled with adequate mobile equipment.

7.2 Conditions for safe storage, including any incompatibilities
Storage
Requirements to be met by storerooms and receptacles:
Store only in unopened original receptacles.
Store only in non-damaged packaging
Information about storage in one common storage facility: Store away from foodstuffs.
Further information about storage conditions:
Keep container tightly sealed.
Protect from freezing.

(Contd. on page 7)

Safety Data Sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 18.06.2024 Version number 1 Revision: 18.06.2024

Trade name: weberton vivid (RO)

(Contd. of page 6)

Protect from heat and direct sunlight.
Maximum storage time: 2 years.
Recommended storage temperature: 5-30°C.
7.3 Specific end use(s)
The product is intended to be used according to point 1.2. No other use is recommended.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters
Ingredients with limit values that require monitoring at the workplace:

DNELs		
CAS: 1317-65-3 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: 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: 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: 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: 111-76-2 2-butoxyethanol		
Oral	Derived No Effect Level	6.3 mg/kgxday (consumer systemic long term value)
		26.7 mg/kgxday (consumer systemic short term value)
Inhalative	Derived No Effect Level	98 mg/m³ (worker systemic long term value)
		1,091 mg/m³ (worker systemic short term value)
		59 mg/m³ (consumer systemic long term value)
		426 mg/m³ (consumer systemic short term value)
		246 mg/m³ (worker local short term value)

(Contd. on page 8)

Safety Data Sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 18.06.2024 Version number 1 Revision: 18.06.2024

Trade name: weberton vivid (RO)

(Contd. of page 7)

		147 mg/m³ (consumer local short 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)
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: 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)

Ingredients with biological limit values:	
CAS: 111-76-2 2-butoxyethanol	
BGW (Germany)	150 mg/g Kreatinin Untersuchungsmaterial: Urin Probennahmezeitpunkt: Expositionsende bzw. Schichtende, bei Langzeitexposition: am Schichtende nach mehreren vorangegangenen Schichten Parameter: Butoxyessigsäure (nach Hydrolyse)
VLB (Spain)	200 mg/g creatinina Muestra: orina Momento de Muestero: Final de la jornada laboral Indicador Biológico: Ácido butoxiacético
IBE (Italy)	200 mg/g creatinina Campioni: urine Momento del prelievo: a fine turno Indicatore biologico: Acido butossiacetico

(Contd. on page 9)

Safety Data Sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 18.06.2024 Version number 1 Revision: 18.06.2024

Trade name: weberton vivid (RO)

(Contd. of page 8)

IBE (Portugal)	200 mg/g creatinina Amostra: urina Momento da amostragem: Fim do turno Indicador biológico: Ácido butoxiacético (BAA)

CAS No. / Designation of material / % / Type / Value / Unit	
CAS: 1317-65-3 calcium carbonate	
TWA (Italy)	Long-term value: 10 mg/m³ (e)
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)
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

(Contd. on page 10)

Safety Data Sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 18.06.2024 Version number 1 Revision: 18.06.2024

Trade name: weberton vivid (RO)

(Contd. of page 9)

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: 111-76-2 2-butoxyethanol	
IOELV (European Union)	Short-term value: 246 mg/m³, 50 ppm Long-term value: 98 mg/m³, 20 ppm Skin
AGW (Germany)	Long-term value: 49 mg/m³, 10 ppm 2(I);EU, DFG; H, Y
GV (Denmark)	Short-term value: 246 mg/m³, 50 ppm Long-term value: 98 mg/m³, 20 ppm EH
LEP (Spain)	Short-term value: 245 mg/m³, 50 ppm Long-term value: 98 mg/m³, 20 ppm vía dérmica, VLI, VLB
TWA (Italy)	Long-term value: 97 mg/m³, 20 ppm A3, IBE
VL (Italy)	Short-term value: 246 mg/m³, 50 ppm Long-term value: 98 mg/m³, 20 ppm Cute

(Contd. on page 11)

Safety Data Sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 18.06.2024 Version number 1 Revision: 18.06.2024

Trade name: weberton vivid (RO)

(Contd. of page 10)

VLE (Portugal)	Long-term value: 20 ppm A3; IBE, Irritação ocular e do TRS
OEL (Sweden)	Short-term value: 246 mg/m³, 50 ppm Long-term value: 50 mg/m³, 10 ppm H
HTP (Finland)	Short-term value: 250 mg/m³, 50 ppm Long-term value: 98 mg/m³, 20 ppm iho
CAS: 2634-33-5 1,2-benzisothiazol-3(2H)-one	
MAK (Germany)	vgl.Abschn.IIb und Xc
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.
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.
Keep away from foodstuffs, beverages and feed.
Do not inhale dust / smoke / mist.
Respiratory protection:
Use suitable respiratory protective device in case of insufficient ventilation.

Hand protection
Protective gloves against chemicals (standard EN 374-1)

Material of gloves
Nitrile impregnated cotton gloves complying with the standard EN 374-1.
Butyl rubber, BR
Nitrile rubber, NBR
Eye/face protection
Goggles recommended during refilling

(Contd. on page 12)

Safety Data Sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 18.06.2024 Version number 1 Revision: 18.06.2024

Trade name: weberton vivid (RO)

(Contd. of page 11)

Protective eyewear (standard EN 166)

Body protection:
Protective work clothing.

Thermal hazards No further information available.
Environmental exposure controls
Prevent enter of the product into drains, surface and groundwater and soil.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information	
Physical state	Fluid
Colour:	White
Odour:	Characteristic
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 at 20 °C	8.5-9
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 at 20 °C:	1.486-1.604 g/cm³ (DIN 51757)
Relative density	Not determined.
Bulk density:	Not applicable.

(Contd. on page 13)

Safety Data Sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 18.06.2024 Version number 1 Revision: 18.06.2024

Trade name: weberton vivid (RO)

(Contd. of page 12)

Vapour density	Not determined.
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.
EU-VOC (g/L)	30.0000 g/l
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
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
Avoid frost
Keep away from heat sources.
10.5 Incompatible materials: No further relevant information available.

(Contd. on page 14)

Safety Data Sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 18.06.2024 Version number 1 Revision: 18.06.2024

Trade name: weberton vivid (RO)

(Contd. of page 13)

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		
CAS: 1317-65-3 calcium carbonate		
Oral	LD50	>2,000 mg/kg (Rat)
Dermal	LD50	>2,000 mg/kg (Rat)
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: 13463-67-7 titanium dioxide		
Oral	LD50	>5,000 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: 111-76-2 2-butoxyethanol		
Oral	LD50	1,200 mg/kg (ATE)
		1,414 mg/kg (Guinea pig)
Dermal	LD50	>2,000 mg/kg (Rabbit)
Inhalative	LC50/4 h	3 mg/l (ATE)
CAS: 2634-33-5 1,2-benzisothiazol-3(2H)-one		
Oral	LD50	>490 mg/kg (Rat)
Dermal	LD50	>2,000 mg/kg (Rat)
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)

(Contd. on page 15)

Safety Data Sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 18.06.2024 Version number 1 Revision: 18.06.2024

Trade name: weberton vivid (RO)

(Contd. of page 14)

Dermal	LD50	311 mg/kg (ATE)
Inhalative	LC50/4 h	0.27 mg/l (ATE)
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)
CAS: 64359-81-5 4,5-dichloro-2-octyl-2H-isothiazol-3-one		
Oral	LD50	567 mg/kg (ATE)
Inhalative	LC50/4 h	0.16 mg/l (ATE)

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.
Sensitising effect by skin contact is possible by prolonged exposure.
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
The product does not contain substances with 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	
CAS: 1317-65-3 calcium carbonate	
LC50/96h	>100 mg/l (Fish)
EC50/48h	>100 mg/l (aquatic invertebrates)
EC50/72h	>14 mg/l (aquatic algae and cyanobacteria)

(Contd. on page 16)

Safety Data Sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 18.06.2024 Version number 1 Revision: 18.06.2024

Trade name: weberton vivid (RO)

(Contd. of page 15)

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)
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: 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)
NOEC (28d)	≥100 mg/l (aquatic invertebrates)
	≥0.07 mg/l (Fish)
CAS: 107-21-1 ethane-1,2-diol	
LC50/96h	72,860 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: 111-76-2 2-butoxyethanol	
LC50/96h	1,400 mg/l (Fish)
EC50/48h	1,550-1,800 mg/l (Daphnia magna)

(Contd. on page 17)

Safety Data Sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 18.06.2024 Version number 1 Revision: 18.06.2024

Trade name: weberton vivid (RO)

(Contd. of page 16)

EC50/72h	623 mg/l (Algae)
NOEC (21d)	100 mg/l (Daphnia magna)
	100 mg/l (Fish)
EC 10/16h	>700 mg/l (Pseudomonas putida (Bacteria))
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: 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)
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.

(Contd. on page 18)

Safety Data Sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 18.06.2024 Version number 1 Revision: 18.06.2024

Trade name: weberton vivid (RO)

(Contd. of page 17)

Method	
CAS: 1317-65-3 calcium carbonate	
Biod. (28 days)	>90 %
CAS: 107-21-1 ethane-1,2-diol	
Biod. (28 days)	>90 % (Biodegradation)

12.3 Bioaccumulative potential	
CAS: 111-76-2 2-butoxyethanol	
EBAB	0.81 log Pow
CAS: 2634-33-5 1,2-benzisothiazol-3(2H)-one	
EBAB	0.7 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.

12.7 Other adverse effects

Behaviour in sewage processing plants:

Type of test / Effective concentration / Method / Assessment	
CAS: 1317-65-3 calcium carbonate	
EC 50 (3h)	>1,000 mg/l (microorganisms)
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: 13463-67-7 titanium dioxide	
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)

(Contd. on page 19)

Safety Data Sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 18.06.2024 Version number 1 Revision: 18.06.2024

Trade name: weberton vivid (RO)

(Contd. of page 18)

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: Do not allow product to reach ground water, water course or sewage system.

SECTION 13: Disposal considerations

13.1 Waste treatment methods
Recommendation
Do not dump into sewers or waterways. Waste and empty containers must be handled and eliminated according to current, local/national legislation. Follow the provisions of Directive 2008/98/EC regarding waste management.
It is recommended to collect product and packaging waste selectively
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
Dispose of the product in accordance with national and local regulations.
If not contaminated, the product can be reused without restrictions in accordance with the Technical Data Sheet and this Safety Data Sheet.
Dispose of waste according to the European list of wastes established by Commission decision of 3 May 2000 (2000/532/EC).
It is recommended to send waste to waste collection centers, according to Romanian Law no. 249/2015 regarding the way of managing packaging and packaging wastes and Romanian OUG 92/2021 regarding the waste regime, with modifications and additions.

European waste catalogue	
HP7	Carcinogenic
HP14	Ecotoxic

Uncleaned packaging:
Recommendation:
Dispose of packaging according to regulations on the disposal of packagings.
Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.
Disposal must be made according to official regulations.

SECTION 14: Transport information

14.1 UN number or ID number **ADR, IMDG, IATA**	Void
14.2 UN proper shipping name **ADR, IMDG, IATA**	Void

(Contd. on page 20)

Safety Data Sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 18.06.2024 Version number 1 Revision: 18.06.2024

Trade name: weberton vivid (RO)

(Contd. of page 19)

14.3 Transport hazard class(es)	
ADR, ADN, IMDG, IATA **Class**	Void
14.4 Packing group **ADR, IMDG, IATA**	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.
Transport/Additional information:	Not dangerous according to the above specifications.
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)
Regulation (EU) 528/2012 (Biocidal Product Regulation), cf. section 2
Directive 2004/42/EC (VOC), cf. section 9
Directive 2008/98/EC on waste, as amended (EU Waste Framework Directive)
Directive 94/62/EC on packaging and packaging waste, and its amendments
GD (Romanian Government decision) no. 1218 of 06/09/2006 regarding the establishment of minimum safety and health requirements at work to ensure the protection of workers against risks related to the presence of chemical agents, amended and supplemented by Decision no. 1 of January 4, 2012 and Decision no. 359 of 2015
Romanian Order no. 163 of 28/02/2007 regarding the approval of the General Fire Protection Rules.
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 (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

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.

(Contd. on page 21)

Safety Data Sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 18.06.2024 Version number 1 Revision: 18.06.2024

Trade name: weberton vivid (RO)

(Contd. of page 20)

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.

Regulation (EC) No 273/2004 on drug precursors

None of the ingredients is listed.

Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors

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.
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.
H331 Toxic if inhaled.
H351 Suspected of causing cancer.
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.
EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

(Contd. on page 22)

Safety Data Sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 18.06.2024 Version number 1 Revision: 18.06.2024

Trade name: weberton vivid (RO)

(Contd. of page 21)

EUH212 Warning! Hazardous respirable dust may be formed when used. Do not breathe dust.

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 & Development

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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. 4: Acute toxicity – Category 4
Acute Tox. 2: Acute toxicity – Category 2
Acute Tox. 3: Acute toxicity – Category 3
Skin Corr. 1: Skin corrosion/irritation – Category 1
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
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
Skin Sens. 1: Skin sensitisation – Category 1
Skin Sens. 1A: Skin sensitisation – Category 1A
Carc. 2: Carcinogenicity – Category 2
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.