



## Safety Data Sheet according to (EC) No 1907/2006 as amended

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Ceresit CT 76 1,5 mm

SDS No. : 702940  
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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Ceresit CT 76 1,5 mm

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

Intended use:  
Special mortars

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

Henkel Bautechnik (Ukraine)  
Vyshhorod, Novopromyslova St. 2  
07302 Kyiv region

Ukraine

Phone: +380 (800) 308 405

SDSinfo.Adhesive@henkel.com

For Safety Data Sheet updates please visit our website <https://mysds.henkel.com/index.html#/appSelection> or [www.henkel-adhesives.com](http://www.henkel-adhesives.com).

#### 1.4. Emergency telephone number

0-800-308-405 (24 h)

### SECTION 2: Hazards identification

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

##### Classification (CLP):

Skin sensitizer

Category 1

H317 May cause an allergic skin reaction.

Chronic hazards to the aquatic environment

Category 3

H412 Harmful to aquatic life with long lasting effects.

#### 2.2. Label elements

##### Label elements (CLP):

##### Hazard pictogram:



##### Contains

Реакционная масса пентаметил-4-пиперидилсебакатов  
Смесь изотиазолинонов (С(М)ИТ/МІТ (3:1))  
Октил-3(2Н)изотиазолон, 2-

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<b>Signal word:</b>	Warning
<b>Hazard statement:</b>	H317 May cause an allergic skin reaction. H412 Harmful to aquatic life with long lasting effects.
<b>Precautionary statement:</b>	P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children.
<b>Precautionary statement: Prevention</b>	P261 Avoid breathing mist/vapours. P273 Avoid release to the environment. P280 Wear protective gloves.
<b>Precautionary statement: Response</b>	P302+P352 IF ON SKIN: Wash with plenty of soap and water.
<b>Precautionary statement: Disposal</b>	P501 Dispose of contents/container in accordance with national regulation.

### 2.3. Other hazards

None if used properly.

Following substances are present in a concentration  $\geq$  the concentration limit for depiction in Section 3 and fulfill the criteria for PBT/vPvB, or were identified as endocrine disruptor (ED):

This mixture does not contain any substances in a concentration  $\geq$  the concentration limit for depiction in Section 3 that are assessed to be a PBT, vPvB or ED.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

**Declaration of the ingredients according to CLP (EC) No 1272/2008:**

<b>Hazardous components CAS-No. EC Number REACH-Reg No.</b>	<b>Concentration</b>	<b>Classification</b>	<b>Specific Conc. Limits, M-factors and ATEs</b>	<b>Add. Information</b>
Кварц (SiO <sub>2</sub> ) 14808-60-7  238-878-4	5- < 10 %			
Реакционная масса пентаметил-4-пиперидилсебакатов 1065336-91-5  915-687-0 01-2119491304-40	0,1- < 1 %	Aquatic Acute 1, H400 Aquatic Chronic 1, H410 Skin Sens. 1A, H317 Repr. 2, H361f	M acute = 1 M chronic = 1 ===== dermal:ATE = 3.171 mg/kg	
Титана двуокись 13463-67-7  236-675-5 01-2119489379-17	0,1- < 1 %	Carc. 2, Inhalation, H351		
Октил-3(2H)изотиазолон, 2- 26530-20-1  247-761-7 01-2120768921-45	0,005- < 0,05 % ( 50 ppm- < 500 ppm)	Acute Tox. 2, Inhalation, H330 Acute Tox. 3, Dermal, H311 Skin Corr. 1, H314 Skin Sens. 1A, H317 Aquatic Acute 1, H400 Acute Tox. 3, Oral, H301 Aquatic Chronic 1, H410 Eye Dam. 1, H318	Skin Sens. 1A; H317; C >= 0,0015 % ===== M acute = 100 M chronic = 100 ===== dermal:ATE = 311 mg/kg oral:ATE = 125 mg/kg inhalation:ATE = 0,27 mg/l;dust/mist	
тербутрин 886-50-0  212-950-5	0,0025- < 0,025 % ( 25 ppm- < 250 ppm)	Aquatic Acute 1, H400 Aquatic Chronic 1, H410 Acute Tox. 4, Oral, H302 Skin Sens. 1B, H317	Skin Sens. 1B; H317; C >= 3 % ===== M acute = 100 M chronic = 100 ===== oral:ATE = 1.000 mg/kg	
Пиритион цинка 13463-41-7  236-671-3 01-2119511196-46	0,0025- < 0,025 % ( 25 ppm- < 250 ppm)	Aquatic Acute 1, H400 Acute Tox. 2, Inhalation, H330 Repr. 1B, H360D Eye Dam. 1, H318 STOT RE 1, H372 Aquatic Chronic 1, H410 Acute Tox. 3, Oral, H301	M acute = 1.000 M chronic = 10 ===== oral:ATE = 221 mg/kg inhalation:ATE = 0,14 mg/l;dust/mist	
Смесь изотиазолинонов (C(M)IT/MIT (3:1)) 55965-84-9  01-2120764691-48	0,0015- < 0,015 % ( 15 ppm- < 150 ppm)	Aquatic Chronic 1, H410 Skin Corr. 1C, H314 Acute Tox. 2, Dermal, H310 Acute Tox. 3, Oral, H301 Eye Dam. 1, H318 Acute Tox. 2, Inhalation, H330 Aquatic Acute 1, H400 Skin Sens. 1A, H317	Skin Irrit. 2; H315; C 0,06 - < 0,6 % Skin Corr. 1C; H314; C >= 0,6 % Eye Irrit. 2; H319; C 0,06 - < 0,6 % Eye Dam. 1; H318; C >= 0,6 % Skin Sens. 1A; H317; C >= 0,0015 % ===== M acute = 100 M chronic = 100	

**For full text of the H - statements and other abbreviations see section 16 "Other information".  
Substances without classification may have community workplace exposure limits available.**

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

General information:

In case of adverse health effects seek medical advice.

**Inhalation:**

Move to fresh air, consult doctor if complaint persists.

**Skin contact:**

Rinse with running water and soap. Apply replenishing cream. Change all contaminated clothing. If necessary, see a dermatologist.

**Eye contact:**

Immediately flush eyes with soft jet of water or eye rinse solution for at least 5 minutes. If pains remain (intensive smarting, sensitivity to light, visual disturbance) continue flushing and contact/seek doctor or hospital.

**Ingestion:**

Rinse mouth and throat. Drink 1-2 glasses of water. Seek medical advice.

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

May cause an allergic skin reaction.

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

See section: Description of first aid measures

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media:**

carbon dioxide, foam, powder, water spray jet, fine water spray

**Extinguishing media which must not be used for safety reasons:**

High pressure waterjet

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

In the event of a fire, carbon monoxide (CO) and carbon dioxide (CO<sub>2</sub>) can be released.

**5.3. Advice for firefighters**

Wear self-contained breathing apparatus.

Wear protective equipment.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Wear protective equipment.

Avoid contact with skin and eyes.

Ensure adequate ventilation.

Danger of slipping on spilled product.

**6.2. Environmental precautions**

Do not empty into drains / surface water / ground water.

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

Remove with liquid-absorbing material (sand, peat, sawdust).

Dispose of contaminated material as waste according to Section 13.

**6.4. Reference to other sections**

See advice in section 8

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

Ensure that workrooms are adequately ventilated.

Avoid skin and eye contact.

Hygiene measures:

- Wash hands before work breaks and after finishing work.
- Do not eat, drink or smoke while working.

**7.2. Conditions for safe storage, including any incompatibilities**

- Temperatures between + 5 °C and + 35 °C
- Do not store together with food or other consumables (coffee, tea, tobacco, etc.).

**7.3. Specific end use(s)**

- Special mortars

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Occupational Exposure Limits

Valid for  
Ukraine

Ingredient [Regulated substance]	ppm	mg/m <sup>3</sup>	Value type	Short term exposure limit category / Remarks	Regulatory list
Limestone 1317-65-3 [Carbon dusts: coke from coal, pitch, oil, shale Silicate-containing dust, silicates, aluminosilicates: asbestos cement Carbon dusts: anthracite containing up to 5% free SiO <sub>2</sub> Silicate-containing dust, silicates, aluminosilicates: concrete, olivine, apatite, fosterite, clay, kaolin fireclay]		6	Time Weighted Average (TWA):		UA OELA
Limestone 1317-65-3 [Silicate-containing dust, silicates, aluminosilicates: asbestos dust with asbestos content from 10% to 20%]		1	Short Term Exposure Limit (STEL):		UA OELA
Limestone 1317-65-3 [Carbon dusts: other mined coals and coal dusts containing up to 5% free SiO <sub>2</sub> Silicate-containing dust, silicates, aluminosilicates: asbestos groceries, asbestos rubber]		10	Time Weighted Average (TWA):		UA OELA
Limestone 1317-65-3 [Silicate-containing dust, silicates, aluminosilicates: asbestos dust with asbestos content from 10% to 20% Silicate-containing dust, silicates, aluminosilicates: natural asbestos (chrysotile, anthophyllite, actinolite, tremolite, magnesium)]		2	Time Weighted Average (TWA):		UA OELA
Limestone 1317-65-3 [Silicate-containing dust, silicates, aluminosilicates: natural asbestos (chrysotile, anthophyllite, actinolite, tremolite, magnesium)]		0,5	Short Term Exposure Limit (STEL):		UA OELA
Limestone 1317-65-3 [Carbon dusts: carbon fiber materials based on polyacrylonitrile fibers Carbon dusts: carbon fiber materials based on cellulose hydrate fibers]		2	Short Term Exposure Limit (STEL):		UA OELA
Limestone 1317-65-3 [Carbon dusts: carbon fiber materials based on polyacrylonitrile fibers Carbon dusts: carbon fiber materials based on cellulose hydrate fibers]			Skin designation:	Chemical is dangerous when exposed to the skin and the mucous membrane of the eyes	UA OELA
Limestone 1317-65-3 [Silicate-containing dust, silicates, aluminosilicates: asbestos cement Silicate-containing dust, silicates, aluminosilicates: asbestos groceries, asbestos rubber]		4	Short Term Exposure Limit (STEL):		UA OELA
Limestone 1317-65-3 [Carbon dusts: carbon fiber materials based on cellulose hydrate fibers Carbon dusts: carbon fiber materials based on polyacrylonitrile fibers]		4	Time Weighted Average (TWA):		UA OELA
Limestone		8	Time Weighted Average		UA OELA

1317-65-3 [Carbon dusts: natural and synthetic diamonds]			(TWA):		
Limestone 1317-65-3 [Silicate-containing dust, silicates, aluminosilicates: asbestos dust with asbestos content less than 10%]		2	Short Term Exposure Limit (STEL):		UA OELA
Limestone 1317-65-3 [Carbon dusts: other mined coals and coal dusts containing from 5 to 10% free SiO2 Carbon dusts: black industrial soot containing <35 mg benz(a)pyrene per kg Silicate-containing dust, silicates, aluminosilicates: vitreous silicates of volcanic origin (tuff, pumice, perlite) Silicate-containing dust, silicates, aluminosilicates: asbestos dust with asbestos content less than 10% Silicate-containing dust, silicates, aluminosilicates: mica (flagopit, muscovite), talc, talc dust (natural mixtures of talc with tr Carbon dust: metallized diamond]		4	Time Weighted Average (TWA):		UA OELA
Quartz (SiO2) 14808-60-7 [RESPIRABLE CRYSTALLINE SILICA DUST]		0,1	Time Weighted Average (TWA):		EU OELIII
Quartz (SiO2) 14808-60-7 [Silicon dioxide is crystalline with a dust content of 10 to 70% (granite, fireclay, raw mica, coal dust, etc.)]		2	Time Weighted Average (TWA):		UA OELA
Quartz (SiO2) 14808-60-7 [Crystalline silicon dioxide (quartz, cristobolite, tridymite) with a dust content of more than 70% (quartzite, dinas, etc.)]		1	Time Weighted Average (TWA):		UA OELA
Quartz (SiO2) 14808-60-7 [Silicon dioxide is crystalline with a dust content of 2 to 10% (combustible kukersite shales, copper sulfide ores, etc.)]		4	Time Weighted Average (TWA):		UA OELA
Propane-1,2-diol 57-55-6 [Propane-1,2-diol]		7	Time Weighted Average (TWA):		UA OELA
Titanium dioxide 13463-67-7 [Titanium and its dioxide]		10	Time Weighted Average (TWA):		UA OELA

**Predicted No-Effect Concentration (PNEC):**

Name on list	Environmental Compartment	Exposure period	Value				Remarks
			mg/l	ppm	mg/kg	others	
Reaction mass of pentamethyl-4-piperidylsebacates 1065336-91-5	aqua (freshwater)		0,002 mg/l				
Reaction mass of pentamethyl-4-piperidylsebacates 1065336-91-5	aqua (marine water)		0,00022 mg/l				
Reaction mass of pentamethyl-4-piperidylsebacates 1065336-91-5	aqua (intermittent releases)		0,009 mg/l				
Reaction mass of pentamethyl-4-piperidylsebacates 1065336-91-5	sewage treatment plant (STP)		1 mg/l				
Reaction mass of pentamethyl-4-piperidylsebacates 1065336-91-5	sediment (freshwater)				1,05 mg/kg		
Reaction mass of pentamethyl-4-piperidylsebacates 1065336-91-5	sediment (marine water)				0,11 mg/kg		
Reaction mass of pentamethyl-4-piperidylsebacates 1065336-91-5	Soil				0,21 mg/kg		
Reaction mass of pentamethyl-4-piperidylsebacates 1065336-91-5	Predator						no potential for bioaccumulation
2-Octyl-2H-isothiazol-3-one 26530-20-1	sediment (freshwater)				0,0475 mg/kg		
2-Octyl-2H-isothiazol-3-one 26530-20-1	sediment (marine water)				0,00475 mg/kg		
2-Octyl-2H-isothiazol-3-one 26530-20-1	aqua (freshwater)		0,0022 mg/l				
2-Octyl-2H-isothiazol-3-one 26530-20-1	aqua (intermittent releases)		0,0012 mg/l				
2-Octyl-2H-isothiazol-3-one 26530-20-1	aqua (marine water)		0,00022 mg/l				
2-Octyl-2H-isothiazol-3-one 26530-20-1	Soil				0,0082 mg/kg		
Pyrithione zinc 13463-41-7	sewage treatment plant (STP)		0,01 mg/l				
Pyrithione zinc 13463-41-7	sediment (freshwater)				0,009 mg/kg		
Pyrithione zinc 13463-41-7	sediment (marine water)				0,009 mg/kg		
Pyrithione zinc 13463-41-7	Soil				1,02 mg/kg		
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone (3:1) 55965-84-9	aqua (freshwater)		0,00339 mg/l				
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone (3:1) 55965-84-9	aqua (marine water)		0,00339 mg/l				
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone (3:1) 55965-84-9	sewage treatment plant (STP)		0,23 mg/l				
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone (3:1) 55965-84-9	sediment (freshwater)				0,027 mg/kg		
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone (3:1) 55965-84-9	sediment (marine water)				0,027 mg/kg		
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone (3:1) 55965-84-9	Soil				0,01 mg/kg		

3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone (3:1) 55965-84-9	aqua (intermittent releases)		0,00339 mg/l			
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**Derived No-Effect Level (DNEL):**

Name on list	Application Area	Route of Exposure	Health Effect	Exposure Time	Value	Remarks
Reaction mass of pentamethyl-4-piperidylsebacates 1065336-91-5	Workers	inhalation	Long term exposure - systemic effects		1,27 mg/m <sup>3</sup>	no potential for bioaccumulation
Reaction mass of pentamethyl-4-piperidylsebacates 1065336-91-5	Workers	dermal	Long term exposure - systemic effects		1,8 mg/kg	no potential for bioaccumulation
Reaction mass of pentamethyl-4-piperidylsebacates 1065336-91-5	General population	dermal	Long term exposure - systemic effects		0,9 mg/kg	no potential for bioaccumulation
Reaction mass of pentamethyl-4-piperidylsebacates 1065336-91-5	General population	inhalation	Long term exposure - systemic effects		0,31 mg/m <sup>3</sup>	no potential for bioaccumulation
Reaction mass of pentamethyl-4-piperidylsebacates 1065336-91-5	General population	oral	Long term exposure - systemic effects		0,18 mg/kg	no potential for bioaccumulation
Titanium dioxide 13463-67-7	Workers	inhalation	Long term exposure - local effects		0,17 mg/m <sup>3</sup>	
Titanium dioxide 13463-67-7	General population	inhalation	Long term exposure - local effects		0,028 mg/m <sup>3</sup>	
Pyrithione zinc 13463-41-7	Workers	dermal	Long term exposure - systemic effects		0,01 mg/kg	
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone (3:1) 55965-84-9	Workers	inhalation	Long term exposure - local effects		0,02 mg/m <sup>3</sup>	
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone (3:1) 55965-84-9	Workers	inhalation	Acute/short term exposure - local effects		0,04 mg/m <sup>3</sup>	
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone (3:1) 55965-84-9	General population	inhalation	Long term exposure - local effects		0,02 mg/m <sup>3</sup>	
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone (3:1) 55965-84-9	General population	inhalation	Acute/short term exposure - local effects		0,04 mg/m <sup>3</sup>	
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone (3:1) 55965-84-9	General population	oral	Long term exposure - systemic effects		0,09 mg/kg	
3(2H)-Isothiazolone, 5-chloro-2-methyl-, mixt. with 2-methyl-3(2H)-isothiazolone (3:1) 55965-84-9	General population	oral	Acute/short term exposure - systemic effects		0,11 mg/kg	

**Biological Exposure Indices:**

None

**8.2. Exposure controls:**

Respiratory protection:

Ensure adequate ventilation.

**Hand protection:**

In the case of longer contact protective gloves made from nitrile rubber are recommended according to EN 374.

material thickness > 0.1 mm

Perforation time > 480 minutes

In the case of longer and repeated contact please note that in practice the penetration times may be considerably shorter than those determined according to EN 374. The protective gloves must always be checked for their suitability for use at the specific workplace (e.g. mechanical and thermal stress, product compatibility, antistatic effects, etc.). The gloves must be replaced immediately at the first signs of wear and tear. The information provided by the manufacturers and given in the relevant trade association regulations for industrial safety must always be observed. We recommend that a hand care plan is drawn up in cooperation with a glove manufacturer and the trade association in accordance with the local operating conditions.

**Eye protection:**

Goggles which can be tightly sealed.

Protective eye equipment should conform to EN166.

**Skin protection:**

Suitable protective clothing

Protective clothing should conform to EN 14605 for liquid splashes or to EN 13982 for dusts.

**Advices to personal protection equipment:**

The information provided on personal protective equipment is for guidance purposes only. A full risk assessment should be conducted prior to using this product to determine the appropriate personal protective equipment to suit local conditions.

Personal protective equipment should conform to the relevant EN standard.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Delivery form	liquid
Colour	Various
Odor	characteristic
Physical state	
Physical state	liquid
Melting point	Currently under determination
Initial boiling point	>= 100 °C (>= 212 °F);; Boiling point
Flammability	Currently under determination
Explosive limits	Currently under determination
Flash point	Not applicable, Aqueous solution
Auto-ignition temperature	Currently under determination
Decomposition temperature	Currently under determination
pH	8 - 10 Measurement of pH-value
(20 °C (68 °F); Conc.: 100 % product)	
Viscosity (kinematic)	Currently under determination
Viscosity, dynamic	6.000 - 7.000 mPa.s Viscosity (Brookfield)::49200
(; 20 °C (68 °F))	
Solubility (qualitative)	Currently under determination
Partition coefficient: n-octanol/water	Currently under determination
Vapour pressure	Currently under determination
Density	1,62 - 1,91 g/cm3 Density (pyknometer)::50200
(20 °C (68 °F))	
Relative vapour density:	Currently under determination
Particle characteristics	Currently under determination

**9.2. Other information**

Other information not applicable for this product

**SECTION 10: Stability and reactivity****10.1. Reactivity**

None if used for intended purpose.

**10.2. Chemical stability**

Stable under recommended storage conditions.

**10.3. Possibility of hazardous reactions**

See section reactivity

**10.4. Conditions to avoid**

None if used for intended purpose.

**10.5. Incompatible materials**

None if used properly.

**10.6. Hazardous decomposition products**

None known.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute oral toxicity:**

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Species	Method
Quartz (SiO <sub>2</sub> ), <1% respirable 14808-60-7	LD50	> 5.050 mg/kg	rat	not specified
Reaction mass of pentamethyl-4- piperidylsebacates 1065336-91-5	LD50	3.230 mg/kg	rat	OECD Guideline 423 (Acute Oral toxicity)
Titanium dioxide 13463-67-7	LD50	> 5.000 mg/kg	rat	OECD Guideline 425 (Acute Oral Toxicity: Up-and-Down Procedure)
2-Octyl-2H-isothiazol-3- one 26530-20-1	Acute toxicity estimate (ATE)	125 mg/kg		Expert judgement
terbutryn 886-50-0	LD50	1.000 - 1.470 mg/kg	rat	not specified
terbutryn 886-50-0	Acute toxicity estimate (ATE)	1.000 mg/kg		Expert judgement
pyrithione zinc 13463-41-7	Acute toxicity estimate (ATE)	221 mg/kg		Expert judgement
Isothiazolinone mixture (C(M)IT/MIT (3:1)) 55965-84-9	LD50	66 mg/kg	rat	OECD Guideline 401 (Acute Oral Toxicity)

**Acute dermal toxicity:**

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Species	Method
Quartz (SiO <sub>2</sub> ), <1% respirable 14808-60-7	LD50	> 2.000 mg/kg	not specified	not specified
Reaction mass of pentamethyl-4- piperidylsebacates 1065336-91-5	LD50	> 3.170 mg/kg	rat	OECD Guideline 402 (Acute Dermal Toxicity)
Reaction mass of pentamethyl-4- piperidylsebacates 1065336-91-5	Acute toxicity estimate (ATE)	3.171 mg/kg		Expert judgement
Titanium dioxide 13463-67-7	LD50	> 10.000 mg/kg	rabbit	not specified
2-Octyl-2H-isothiazol-3- one 26530-20-1	Acute toxicity estimate (ATE)	311 mg/kg		Expert judgement
terbutryn 886-50-0	LD50	> 10.200 mg/kg	rabbit	not specified
pyrithione zinc 13463-41-7	LD50	> 2.000 mg/kg	rat	EPA OPP 81-2 (Acute Dermal Toxicity)
Isothiazolinone mixture (C(M)IT/MIT (3:1)) 55965-84-9	LD50	87,12 mg/kg	rabbit	OECD Guideline 402 (Acute Dermal Toxicity)

**Acute inhalative toxicity:**

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Test atmosphere	Exposure time	Species	Method
Titanium dioxide 13463-67-7	LC50	> 6,82 mg/l	dust	4 h	rat	not specified
2-Octyl-2H-isothiazol-3- one 26530-20-1	Acute toxicity estimate (ATE)	0,27 mg/l	dust/mist	4 h		Expert judgement
terbutryn 886-50-0	LC50	> 8 mg/l	dust/mist	4 h	rat	not specified
pyrithione zinc 13463-41-7	Acute toxicity estimate (ATE)	0,14 mg/l	dust/mist	4 h		Expert judgement
Isothiazolinone mixture (C(M)IT/MIT (3:1)) 55965-84-9	LC50	0,171 mg/l	dust/mist	4 h	rat	OECD Guideline 403 (Acute Inhalation Toxicity)

**Skin corrosion/irritation:**

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Titanium dioxide 13463-67-7	not irritating	4 h	rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)
pyrithione zinc 13463-41-7	not irritating	4 h	rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)
Isothiazolinone mixture (C(M)IT/MIT (3:1)) 55965-84-9	corrosive	4 h	rabbit	OECD Guideline 404 (Acute Dermal Irritation / Corrosion)

**Serious eye damage/irritation:**

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Titanium dioxide 13463-67-7	not irritating		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)
pyrithione zinc 13463-41-7	Category 1 (irreversible effects on the eye)		rabbit	OECD Guideline 405 (Acute Eye Irritation / Corrosion)
Isothiazolinone mixture (C(M)IT/MIT (3:1)) 55965-84-9	Category 1 (irreversible effects on the eye)		rabbit	not specified

**Respiratory or skin sensitization:**

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Test type	Species	Method
Reaction mass of pentamethyl-4- piperidylsebacates 1065336-91-5	sensitising	Guinea pig maximisation test	guinea pig	OECD Guideline 406 (Skin Sensitisation)
Titanium dioxide 13463-67-7	not sensitising	Mouse local lymphnode assay (LLNA)	mouse	equivalent or similar to OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay)
Titanium dioxide 13463-67-7	not sensitising	Buehler test	guinea pig	OECD Guideline 406 (Skin Sensitisation)
2-Octyl-2H-isothiazol-3- one 26530-20-1	sensitising	Mouse local lymphnode assay (LLNA)	mouse	OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay)
terbutryn 886-50-0	sensitising		mouse	OECD Guideline 429 (Skin Sensitisation: Local Lymph Node Assay)
pyrithione zinc 13463-41-7	not sensitising	Guinea pig maximisation test	guinea pig	OECD Guideline 406 (Skin Sensitisation)
Isothiazolinone mixture (C(M)IT/MIT (3:1)) 55965-84-9	sensitising	Guinea pig maximisation test	guinea pig	OECD Guideline 406 (Skin Sensitisation)
Isothiazolinone mixture (C(M)IT/MIT (3:1)) 55965-84-9	sensitising	Mouse local lymphnode assay (LLNA)	mouse	not specified

**Germ cell mutagenicity:**

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Type of study / Route of administration	Metabolic activation / Exposure time	Species	Method
Titanium dioxide 13463-67-7	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Titanium dioxide 13463-67-7	negative	in vitro mammalian chromosome aberration test	with and without		OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)
Titanium dioxide 13463-67-7	negative	mammalian cell gene mutation assay	with and without		OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
Titanium dioxide 13463-67-7	negative	in vitro mammalian cell micronucleus test	without		equivalent or similar to OECD Guideline 487 (In vitro Mammalian Cell Micronucleus Test)
pyrithione zinc 13463-41-7	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)
pyrithione zinc 13463-41-7	positive	in vitro mammalian chromosome aberration test	with and without		OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)
pyrithione zinc 13463-41-7	negative	mammalian cell gene mutation assay	with and without		OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
Isothiazolinone mixture (C(M)IT/MIT (3:1)) 55965-84-9	ambiguous	bacterial reverse mutation assay (e.g Ames test)	with and without		equivalent or similar to OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Isothiazolinone mixture (C(M)IT/MIT (3:1)) 55965-84-9	positive	in vitro mammalian chromosome aberration test	with and without		EPA OPP 84-2 (Mutagenicity Testing)
Isothiazolinone mixture (C(M)IT/MIT (3:1)) 55965-84-9	positive	mammalian cell gene mutation assay	with and without		OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
Isothiazolinone mixture (C(M)IT/MIT (3:1)) 55965-84-9	negative	DNA damage and repair assay, unscheduled DNA synthesis in mammalian cells in vitro	not applicable		OECD Guideline 482 (Genetic Toxicology: DNA Damage and Repair, Unscheduled DNA Synthesis in Mammalian Cells In Vitro)
Titanium dioxide 13463-67-7	negative	oral: gavage		rat	OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)
pyrithione zinc 13463-41-7	negative	oral: gavage		mouse	OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)
Isothiazolinone mixture (C(M)IT/MIT (3:1)) 55965-84-9	negative	oral: gavage		mouse	OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)
Isothiazolinone mixture (C(M)IT/MIT (3:1)) 55965-84-9	negative	oral: gavage		mouse	OECD Guideline 475 (Mammalian Bone Marrow Chromosome Aberration Test)
Isothiazolinone mixture (C(M)IT/MIT (3:1)) 55965-84-9	negative	oral: feed		Drosophila melanogaster	OECD Guideline 477 (Genetic Toxicology: Sex-linked Recessive Lethal Test in Drosophila melanogaster)
Isothiazolinone mixture (C(M)IT/MIT (3:1)) 55965-84-9	negative	oral: gavage		rat	OECD Guideline 486 (Unscheduled DNA Synthesis (UDS) Test with Mammalian Liver Cells in vivo)
Isothiazolinone mixture (C(M)IT/MIT (3:1)) 55965-84-9	negative	oral: gavage		rat	EPA OPP 84-2 (Mutagenicity Testing)

**Carcinogenicity**

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous components CAS-No.	Result	Route of application	Exposure time / Frequency of treatment	Species	Sex	Method
Titanium dioxide 13463-67-7	not carcinogenic	oral: feed	103 w daily	rat	male/female	not specified
Isothiazolinone mixture (C(M)IT/MIT (3:1)) 55965-84-9	not carcinogenic	oral: drinking water	2 y daily	rat	male/female	OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies)

**Reproductive toxicity:**

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result / Value	Test type	Route of application	Species	Method
Reaction mass of pentamethyl-4- piperidylsebacates 1065336-91-5	NOAEL P < 221 mg/kg NOAEL F1 221 mg/kg		oral: feed	rat	OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
Titanium dioxide 13463-67-7	NOAEL P >= 1.000 mg/kg NOAEL F1 >= 1.000 mg/kg	one- generation study	oral: feed	rat	OECD Guideline 443 (Extended One-Generation Reproductive Toxicity Study)
Isothiazolinone mixture (C(M)IT/MIT (3:1)) 55965-84-9	NOAEL P 30 ppm NOAEL F1 300 ppm NOAEL F2 300 ppm	Two generation study	oral: drinking water	rat	OECD Guideline 416 (Two- Generation Reproduction Toxicity Study)

**STOT-single exposure:**

No data available.

**STOT-repeated exposure:**

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result / Value	Route of application	Exposure time / Frequency of treatment	Species	Method
Titanium dioxide 13463-67-7	NOAEL > 1.000 mg/kg	oral: gavage	92 d daily	rat	OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)
pyrithione zinc 13463-41-7	NOAEL 0,5 mg/kg	oral: gavage	104 w daily	rat	OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies)
Isothiazolinone mixture (C(M)IT/MIT (3:1)) 55965-84-9	NOAEL 16,3 mg/kg	oral: drinking water	90 d daily	rat	OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)
Isothiazolinone mixture (C(M)IT/MIT (3:1)) 55965-84-9	NOAEL 0.34 mg/m3	inhalation: aerosol	90 d 6 h/d, 5 d/w	rat	OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day)
Isothiazolinone mixture (C(M)IT/MIT (3:1)) 55965-84-9	NOAEL 2,625 mg/kg	dermal	90 d 6 h/d	rat	EPA OPP 82-3 (Subchronic Dermal Toxicity 90 Days)

**Aspiration hazard:**

No data available.



## SECTION 12: Ecological information

### General ecological information:

Do not empty into drains, soil or bodies of water.

Self classification: product testing according to Classification, Labelling and Packaging Regulation EC/1272/2008, Annex 1, Part 4.

### 12.1. Toxicity

#### Toxicity (Fish):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Quartz (SiO <sub>2</sub> ), <1% respirable 14808-60-7	LC50	> 1.000 mg/l	96 h	not specified	OECD Guideline 203 (Fish, Acute Toxicity Test)
Reaction mass of pentamethyl-4-piperidylsebacates 1065336-91-5	LC50	0,9 mg/l	96 h	Danio rerio	OECD Guideline 203 (Fish, Acute Toxicity Test)
Titanium dioxide 13463-67-7	LC50	Toxicity > Water solubility	48 h	Leuciscus idus	OECD Guideline 203 (Fish, Acute Toxicity Test)
2-Octyl-2H-isothiazol-3-one 26530-20-1	LC50	0,036 mg/l	96 h	Oncorhynchus mykiss	OECD Guideline 203 (Fish, Acute Toxicity Test)
2-Octyl-2H-isothiazol-3-one 26530-20-1	NOEC	0,022 mg/l	21 d	Oncorhynchus mykiss	OECD Guideline 210 (fish early lite stage toxicity test)
terbutryn 886-50-0	LC50	1,9 mg/l	96 h	Oncorhynchus mykiss	OECD Guideline 203 (Fish, Acute Toxicity Test)
terbutryn 886-50-0	NOEC	0,073 mg/l	28 d	Pimephales promelas	OECD Guideline 210 (fish early lite stage toxicity test)
pyrithione zinc 13463-41-7	LC50	0,0026 mg/l	96 h	Pimephales promelas	EPA OPP 72-1 (Fish Acute Toxicity Test)
pyrithione zinc 13463-41-7	NOEC	0,00112 mg/l	32 d	Pimephales promelas	OECD Guideline 210 (fish early lite stage toxicity test)
Isothiazolinone mixture (C(M)IT/MIT (3:1)) 55965-84-9	LC50	0,22 mg/l	96 h	Oncorhynchus mykiss	OECD Guideline 203 (Fish, Acute Toxicity Test)
Isothiazolinone mixture (C(M)IT/MIT (3:1)) 55965-84-9	NOEC	0,098 mg/l	28 d	Oncorhynchus mykiss	OECD Guideline 210 (fish early lite stage toxicity test)

#### Toxicity (aquatic invertebrates):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Quartz (SiO <sub>2</sub> ), <1% respirable 14808-60-7	EC50	> 1.000 mg/l	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
Titanium dioxide 13463-67-7	EC50	Toxicity > Water solubility	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
2-Octyl-2H-isothiazol-3-one 26530-20-1	EC50	0,42 mg/l	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
terbutryn 886-50-0	EC50	6,4 mg/l	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)
pyrithione zinc 13463-41-7	EC50	0,0063 mg/l	96 h	Americamysis bahia	EPA OPP 72-3 (Estuarine/Marine Fish, Mollusk, or Shrimp Acute Toxicity Test)
Isothiazolinone mixture (C(M)IT/MIT (3:1)) 55965-84-9	EC50	0,12 mg/l	48 h	Daphnia magna	OECD Guideline 202 (Daphnia sp. Acute Immobilisation Test)

#### Chronic toxicity (aquatic invertebrates):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances	Value	Value	Exposure time	Species	Method
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CAS-No.	type				
Reaction mass of pentamethyl-4-piperidylsebacates 1065336-91-5	NOEC	1 mg/l	21 d	Daphnia magna	OECD 211 (Daphnia magna, Reproduction Test)
Titanium dioxide 13463-67-7	NOEC	Toxicity > Water solubility	21 d	Daphnia magna	OECD Guideline 202 (Daphnia sp. Chronic Immobilisation Test)
2-Octyl-2H-isothiazol-3-one 26530-20-1	NOEC	0,0016 mg/l	21 d	Daphnia magna	OECD 211 (Daphnia magna, Reproduction Test)
terbutryn 886-50-0	NOEC	0,05 mg/l	21 day	Daphnia	OECD 211 (Daphnia magna, Reproduction Test)
pyrithione zinc 13463-41-7	NOEC	0,0022 mg/l	21 d	Daphnia magna	EPA OPP 72-4 (Fish Early Life-Stage/Aquatic Invert.Life-Cycle Studies)
Isothiazolinone mixture (C(M)IT/MIT (3:1)) 55965-84-9	NOEC	0,0036 mg/l	21 d	Daphnia magna	OECD 211 (Daphnia magna, Reproduction Test)

**Toxicity (Algae):**

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Quartz (SiO <sub>2</sub> ), <1% respirable 14808-60-7	EC50	> 1.000 mg/l	72 h	not specified	OECD Guideline 201 (Alga, Growth Inhibition Test)
Reaction mass of pentamethyl- 4-piperidylsebacates 1065336-91-5	NOEC	0,22 mg/l	72 h	Desmodesmus subspicatus	OECD Guideline 201 (Alga, Growth Inhibition Test)
Reaction mass of pentamethyl- 4-piperidylsebacates 1065336-91-5	EC50	1,68 mg/l	72 h	Desmodesmus subspicatus	OECD Guideline 201 (Alga, Growth Inhibition Test)
Titanium dioxide 13463-67-7	EC50	Toxicity > Water solubility	72 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)
Titanium dioxide 13463-67-7	NOEC	Toxicity > Water solubility	72 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)
2-Octyl-2H-isothiazol-3-one 26530-20-1	EC50	0,00129 mg/l	48 h	Navicula pelliculosa	OECD Guideline 201 (Alga, Growth Inhibition Test)
2-Octyl-2H-isothiazol-3-one 26530-20-1	EC10	0,000224 mg/l	48 h	Navicula pelliculosa	OECD Guideline 201 (Alga, Growth Inhibition Test)
terbutryn 886-50-0	EC50	0,0067 mg/l	72 h	Scenedesmus subspicatus (new name: Desmodesmus subspicatus)	OECD Guideline 201 (Alga, Growth Inhibition Test)
terbutryn 886-50-0	NOEC	0,0005 mg/l	72 h	Scenedesmus subspicatus (new name: Desmodesmus subspicatus)	OECD Guideline 201 (Alga, Growth Inhibition Test)
pyrithione zinc 13463-41-7	EC50	0,0006 mg/l	48 h	Skeletonema costatum	EPA OPP 123-3 (Algal Toxicity, Tiers I and II)
pyrithione zinc 13463-41-7	NOEC	0,00004 mg/l	48 h	Skeletonema costatum	EPA OPP 123-3 (Algal Toxicity, Tiers I and II)
Isothiazolinone mixture (C(M)IT/MIT (3:1)) 55965-84-9	NOEC	0,00064 mg/l	48 h	Skeletonema costatum	OECD Guideline 201 (Alga, Growth Inhibition Test)
Isothiazolinone mixture (C(M)IT/MIT (3:1)) 55965-84-9	EC50	0,0063 mg/l	72 h	Skeletonema costatum	OECD Guideline 201 (Alga, Growth Inhibition Test)

#### Toxicity (microorganisms):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Quartz (SiO <sub>2</sub> ), <1% respirable 14808-60-7	EC0	> 1.000 mg/l	3 h	not specified	OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)
Reaction mass of pentamethyl- 4-piperidylsebacates 1065336-91-5	IC50	100 mg/l	3 h	activated sludge	OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)
Titanium dioxide 13463-67-7	EC0	Toxicity > Water solubility	24 h	Pseudomonas fluorescens	DIN 38412, part 8 (Pseudomonas Zellvermehrungshemm- Test)
pyrithione zinc 13463-41-7	NOEC	0,1 mg/l	3 h	activated sludge	OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)
Isothiazolinone mixture (C(M)IT/MIT (3:1)) 55965-84-9	EC20	0,97 mg/l	3 h	activated sludge	OECD Guideline 209 (Activated Sludge, Respiration Inhibition Test)

#### 12.2. Persistence and degradability

Hazardous substances CAS-No.	Result	Test type	Degradability	Exposure time	Method
Reaction mass of pentamethyl-4-piperidylsebacates 1065336-91-5	not readily biodegradable.	aerobic	38 %	28 d	OECD Guideline 301 E (Ready biodegradability: Modified OECD Screening Test)
2-Octyl-2H-isothiazol-3-one 26530-20-1	not readily biodegradable.	aerobic	35 %	21 d	OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)
terbutryn 886-50-0	not readily biodegradable.		0 %		OECD Guideline 301 F (Ready Biodegradability: Manometric Respirometry Test)
pyrithione zinc 13463-41-7	not readily biodegradable.	aerobic	39 %	28 d	OECD Guideline 301 B (Ready Biodegradability: CO2 Evolution Test)
Isothiazolinone mixture (C(M)IT/MIT (3:1)) 55965-84-9	inherently biodegradable	aerobic	100 %	28 d	OECD Guideline 302 B (Inherent biodegradability: Zahn-Wellens/EMPA Test)
Isothiazolinone mixture (C(M)IT/MIT (3:1)) 55965-84-9	readily biodegradable	aerobic	> 60 %	28 d	OECD Guideline 301 D (Ready Biodegradability: Closed Bottle Test)

### 12.3. Bioaccumulative potential

Hazardous substances CAS-No.	Bioconcentration factor (BCF)	Exposure time	Temperature	Species	Method
Reaction mass of pentamethyl-4-piperidylsebacates 1065336-91-5	< 31,4	56 d	24,5 °C	Cyprinus carpio	other guideline:
pyrithione zinc 13463-41-7	8,28	30 d		Crassostrea virginica	OECD Guideline 305 E (Bioaccumulation: Flow-through Fish Test)
Isothiazolinone mixture (C(M)IT/MIT (3:1)) 55965-84-9	3,6			calculation	QSAR (Quantitative Structure Activity Relationship)

### 12.4. Mobility in soil

Hazardous substances CAS-No.	LogPow	Temperature	Method
Reaction mass of pentamethyl-4-piperidylsebacates 1065336-91-5	> 2,37 - 2,77	25 °C	OECD Guideline 107 (Partition Coefficient (n-octanol / water), Shake Flask Method)
2-Octyl-2H-isothiazol-3-one 26530-20-1	2,9		OECD Guideline 107 (Partition Coefficient (n-octanol / water), Shake Flask Method)
terbutryn 886-50-0	3,19		OECD Guideline 117 (Partition Coefficient (n-octanol / water), HPLC Method)
pyrithione zinc 13463-41-7	0,9	25 °C	OECD Guideline 107 (Partition Coefficient (n-octanol / water), Shake Flask Method)
Isothiazolinone mixture (C(M)IT/MIT (3:1)) 55965-84-9	> -0,71 - 0,75	20 °C	OECD Guideline 117 (Partition Coefficient (n-octanol / water), HPLC Method)

### 12.5. Results of PBT and vPvB assessment

Hazardous substances CAS-No.	PBT / vPvB
Quartz (SiO <sub>2</sub> ), <1% respirable 14808-60-7	According to Annex XIII of regulation (EC) 1907/2006 a PBT and vPvB assessment shall not be conducted for inorganic substances.
Reaction mass of pentamethyl-4-piperidylsebacates 1065336-91-5	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
Titanium dioxide 13463-67-7	According to Annex XIII of regulation (EC) 1907/2006 a PBT and vPvB assessment shall not be conducted for inorganic substances.
2-Octyl-2H-isothiazol-3-one 26530-20-1	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
pyrithione zinc 13463-41-7	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.
Isothiazolinone mixture (C(M)IT/MIT (3:1)) 55965-84-9	Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.

### 12.6. Other adverse effects

No data available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Product disposal:

Dispose of waste and residues in accordance with local authority requirements.

Disposal of uncleaned packages:

Use packages for recycling only when totally empty.

Waste code

080119

**SECTION 14: Transport information**

- 14.1. UN number or ID number**  
Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.
- 14.2. UN proper shipping name**  
Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.
- 14.3. Transport hazard class(es)**  
Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.
- 14.4. Packing group**  
Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.
- 14.5. Environmental hazards**  
Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.
- 14.6. Special precautions for user**  
Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.
- 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code**  
not applicable

**SECTION 15: Regulatory information**

No information available:

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****15.2. Chemical safety assessment**

A chemical safety assessment has not been carried out.

**SECTION 16: Other information**

The labelling of the product is indicated in Section 2. The full text of all abbreviations indicated by codes in this safety data sheet are as follows:

- 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.
- 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.
- H361f Suspected of damaging fertility.
- H372 Causes damage to organs through prolonged or repeated exposure.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.

**Further information:**

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