

This safety data sheet was created pursuant to the requirements of: Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

**EVO-STIK WHITE FOR LIFE ADHESIVE/GROUT** 

Supercedes Date: 04-Aug-2021

Revision date 08-Sep-2021 Revision Number 2

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

1.1. Product identifier

Product Name EVO-STIK WHITE FOR LIFE ADHESIVE/GROUT

Pure substance/mixture Mixture

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

Recommended use Adhesive.
Uses advised against None known

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

Company Name Bostik Limited Common Rd

ST16 3EH Stafford UK

Tel: +44 (1785) 27 26 25 Fax: +44 (1785) 25 72 36

E-mail address SDS.box-EU@bostik.com

1.4. Emergency telephone number

**United Kingdom** +44 (1785) 272650

**Ireland** +353 (1) 8624900 (Monday- Friday 9am-5pm)

## **SECTION 2: Hazards identification**

## 2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Skin sensitisation	Category 1A - (H317)
Chronic aquatic toxicity	Category 3 - (H412)

### 2.2. Label elements

Contains 2-octyl-2H-isothiazol-3-one [OIT], 2-methyl-2H-isothiazol-3-one [MIT]



#### Signal word Warning

## **Hazard statements**

H317 - May cause an allergic skin reaction.

H412 - Harmful to aquatic life with long lasting effects.

## Precautionary Statements - EU (§28, 1272/2008)

P101 - If medical advice is needed, have product container or label at hand

P102 - Keep out of reach of children

P261 - Avoid breathing vapours

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P273 - Avoid release to the environment

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P280 - Wear protective gloves and eye/face protection

P302 + P352 - IF ON SKIN: Wash with plenty of water and soap

P501 - Dispose of contents/ container to an approved waste disposal plant

## 2.3. Other hazards

May be harmful in contact with skin. Toxic to aquatic life. Harmful to aquatic life.

#### PBT & vPvB

This mixture contains no substance considered to be persistent, bioaccumulating or toxic (PBT). This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

## SECTION 3: Composition/information on ingredients

#### 3.1 Substances

Not applicable

#### 3.2 Mixtures

Quartz   238-878-4   14808-60-7   0.1 - <1	Chemical name	EC No	CAS No	Weight-%	Classification	Specific	REACH
Quartz   238-878-4   14808-60-7   0.1 - <1					according to	concentration limit	registration
Quartz   238-878-4   14808-60-7   0.1 - <1						(SCL)	number
Quartz   238-878-4   14808-60-7   0.1 - <1   A   [4]							
3-lodo-2-propynyl butylcarbamate [IPBC] 259-627-5 55406-53-6 0.01 - <0.05 STOT RE 1 (H372) Eye Dam. 1 (H318) Skin Sens. 1 (H317) Acute Tox. 4 (H302) Acute Tox. 3 (H331) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) (M Factor Chronic = 10) Acute Tox. 3 (H311) Acute Tox. 3 (H311) Acute Tox. 3 (H311) Acute Tox. 2 (H330) Skin Corr. 18 (H314) Eye Dam 1 (H318) Skin Sens. 1A (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) Aquatic Chroni	Quartz	238-878-4	14808-60-7	0.1 - <1			[4]
butylcarbamate [IPBC]					STOT RE 1		
Eye Dam. 1 (H318) Skin Sens. 1 (H317) Acute Tox. 4 (H302) Aquatic Chronic 1 (H400) Aquatic Chronic 1 (H410) (M Factor Chronic = 1)  2-octyl-2H-isothiazol-3-o ne [OIT]  247-761-7 26530-20-1  0.01 - <0.05 Acute Tox. 3 (H301) Acute Tox. 3 (H301) Acute Tox. 2 (H311) Acute Tox. 2 (H330) Skin Corr. 1B (H314) Eye Dam. 1 (H318) Skin Sens. 1A (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)							
CH318  Skin Sens. 1 (H317)							
Continue							
Acute Tox. 4 (H302) Acute Tox. 3 (H331) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) (M Factor Acute = 10) (M Factor Chronic = 1)  2-octyl-2H-isothiazol-3-o ne [OIT]  247-761-7 26530-20-1  0.01 - <0.05  Acute Tox. 3 (H301) Acute Tox. 3 (H311) Acute Tox. 3 (H311) Acute Tox. 2 (H330) Skin Corr. 1B (H314) Eye Dam 1 (H318) Skin Sens. 1A (H317) Aquatic Acute 1 (H400)							
Continue							
Acute Tox. 3 (H331) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) (M Factor Acute = 10) (M Factor Chronic = 1)  2-octyl-2H-isothiazol-3-0 ne [OIT]  2-octyl-2H-isothiazol-3-0 ne [OIT]  2-octyl-2H-isothiazol-3-0 (H301) Acute Tox. 3 (H301) Acute Tox. 3 (H311) Acute Tox. 3 (H311) Acute Tox. 2 (H330) Skin Corr. 1B (H314) Eye Dam 1 (H318) Skin Sens. 1A (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)							
Continue							
Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410) (M Factor Acute = 10) (M Factor Chronic = 1)  2-octyl-2H-isothiazol-3-o ne [OIT]  3-cotyl-2H-isothiazol-3-o ne [OIT]  3-cotyl-2H-isothiazol-3-o ne [OIT]  4-cotyl-2H-isothiazol-3-o ne [OIT]  3-cotyl-2H-isothiazol-3-o ne [OIT]  4-cotyl-2H-isothiazol-3-o ne [OIT]  4-cotyl-2H-isothiazol-3-o ne [OIT]  5-cotyl-2H-isothiazol-3-o ne [OIT]  6-cotyl-2H-isothiazol-3-o ne [OIT]  6-cotyl-2H-isothiazol-3-o ne [OIT]  7-cotyl-2H-isothiazol-3-o ne [OIT]  8-cotyl-2H-isothiazol-3-o ne [OIT]  8-cotyl-2H-isothiazol-3-o ne [OIT]  9-cotyl-2H-isothiazol-3-o ne [OIT]  9-cotyl-							
Change   Chronic   Chron							
Aquatic Chronic 1 (H410)							
2-octyl-2H-isothiazol-3-o ne [OIT]  2-octyl-2H-isothiazol-3-o ne [OIT]  247-761-7  26530-20-1  26530-20-1  26530-20-1  26530-20-1  26530-20-1  26530-20-1  26530-20-1  26530-20-1  26530-20-1  26530-20-1  300							
Coctyl-2H-isothiazol-3-0 ne [OIT]   247-761-7   26530-20-1   0.01 - <0.05 ne [OIT]     Coctyl-2H-isothiazol-3-0 ne [OIT]   247-761-7   26530-20-1   0.01 - <0.05 ne [OIT]   Coctyl-2H-isothiazol-3-0 ne [OIT]   Coctyl-3-0							
2-octyl-2H-isothiazol-3-o ne [OIT]  2-octyl-2H-isothiazol-3-o ne [OIT]  247-761-7							
Chronic = 1)					= 10)		
2-octyl-2H-isothiazol-3-o ne [OIT]  247-761-7							
ne [OIT]  (H301) Acute Tox. 3 (H311) Acute Tox. 2 (H330) Skin Corr. 1B (H314) Eye Dam 1 (H318) Skin Sens. 1A (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)					Chronic = 1)		
ne [OIT]  (H301) Acute Tox. 3 (H311) Acute Tox. 2 (H330) Skin Corr. 1B (H314) Eye Dam 1 (H318) Skin Sens. 1A (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	2 actul 2Ll inathia al 2 a	047 764 7	26520 20 4	0.04 +0.05	A quita Tay 2	Ckin Cono 1A u	
Acute Tox. 3 (H311) Acute Tox. 2 (H330) Skin Corr. 1B (H314) Eye Dam 1 (H318) Skin Sens. 1A (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)		247-761-7	20030-20-1	0.01 - <0.05			-
(H311) Acute Tox. 2 (H330) Skin Corr. 1B (H314) Eye Dam 1 (H318) Skin Sens. 1A (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)	ne [O11]					0>=0.001370	
Acute Tox. 2 (H330) Skin Corr. 1B (H314) Eye Dam 1 (H318) Skin Sens. 1A (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)							
(H330) Skin Corr. 1B (H314) Eye Dam 1 (H318) Skin Sens. 1A (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)							
(H314) Eye Dam 1 (H318) Skin Sens. 1A (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)							
Eye Dam 1 (H318) Skin Sens. 1A (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)							
(H318) Skin Sens. 1A (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)							
Skin Sens. 1A (H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)							
(H317) Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)							
Aquatic Acute 1 (H400) Aquatic Chronic 1 (H410)							
(H400) Aquatic Chronic 1 (H410)							
Aquatic Chronic 1 (H410)							
1 (H410)							
					M Factor Acute		

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				=100		
				M Factor Chronic		
				= 100		
Zinc pyrithione	236-671-3	13463-41-7	0.0015 - < 0.01	STOT RE 1		01-2119511196-
. ,				(H372)		46-XXXX
				Eye Dam. 1		
				(H318)		
				Repr. 1B		
				(H360D)		
				Acute Tox. 2		
				(H330)		
				Acute Tox. 3		
				(H301)		
				Aquatic Acute 1		
				(H400)		
				Aquatic Chronic		
				1 (H410)		
				(M Factor Acute		
				= 1000)		
				(M Factor		
				Chronic = 10)		
2-methyl-2H-isothiazol-3	220-239-6	2682-20-4	0.0015 - <0.01		Skin Sens. 1 ::	01-2120764690-
-one [MIT]				(H314)	C>=0.0015%	50-xxxx
				Eye Dam. 1		
				(H318)		
				Skin Sens. 1A		
				(H317)		
				Acute Tox. 3		
				(H301)		
				Acute Tox. 3		
				(H311)		
				Acute Tox. 2		
				(H330)		
				Aquatic Acute 1		
				(H400)		
				Aquatic Chronic		
				1 (H410)		
			1	M Factor Acute		
				=10		
			1	M Factor Chronic		
				= 1		
			1	_ '		L

NOTE [4] - This substance is exempted from registration according to the provisions of Article 2(7)(a) and Annex IV of REACH

## Full text of H- and EUH-phrases: see section 16

Note: ^indicates not classified, however, the substance is listed in section 3 as it has an OEL

This product does not contain candidate substances of very high concern at a concentration >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59)

## **SECTION 4: First aid measures**

## 4.1. Description of first aid measures

**General advice** Show this safety data sheet to the doctor in attendance.

**Inhalation** Remove to fresh air. IF exposed or concerned: Get medical advice/attention.

Eye contact Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper

eyelids. Consult a doctor.

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Skin contact

Wash with soap and water. May cause an allergic skin reaction. In the case of skin

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irritation or allergic reactions see a doctor.

Clean mouth with water. Do NOT induce vomiting. Drink 1 or 2 glasses of water. Never Ingestion

give anything by mouth to an unconscious person.

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

Itching. Rashes. Hives. **Symptoms** 

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

Note to doctors May cause sensitisation in susceptible persons. Treat symptomatically.

## SECTION 5: Firefighting measures

5.1. Extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the Suitable Extinguishing Media

surrounding environment.

Unsuitable extinguishing media No information available.

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the

chemical

Product is or contains a sensitiser. May cause sensitisation by skin contact.

Hazardous combustion products Carbon dioxide (CO2).

5.3. Advice for firefighters

precautions for fire-fighters

Special protective equipment and Firefighters should wear self-contained breathing apparatus and full firefighting turnout

gear. Use personal protection equipment.

#### SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions** Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal

protective equipment as required. Evacuate personnel to safe areas. Keep people away

from and upwind of spill/leak.

Use personal protection recommended in Section 8. For emergency responders

6.2. Environmental precautions

**Environmental precautions** See Section 12 for additional Ecological Information.

6.3. Methods and material for containment and cleaning up

**Methods for containment** Prevent further leakage or spillage if safe to do so.

Methods for cleaning up Take up mechanically, placing in appropriate containers for disposal.

Prevention of secondary hazards Clean contaminated objects and areas thoroughly observing environmental regulations.

6.4. Reference to other sections

See section 8 for more information. See section 13 for more information. Reference to other sections

#### SECTION 7: Handling and storage

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#### 7.1. Precautions for safe handling

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Advice on safe handling Handle in accordance with good industrial hygiene and safety practice. Avoid contact

with skin, eyes or clothing. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or smoke when using this product.

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Take off contaminated clothing and wash it before reuse.

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up.

Keep out of the reach of children.

7.3. Specific end use(s)

Specific use(s) Adhesive.

Risk Management Methods (RMM) The information required is contained in this Safety Data Sheet.

Other information Observe technical data sheet.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

### **Exposure Limits**

Chemical name	European Union	United Kingdom
Quartz	TWA: 0.1 mg/m <sup>3</sup>	TWA: 0.1 mg/m <sup>3</sup>
14808-60-7	_	-

Derived No Effect Level (DNEL) No information available

<b>Derived No Effect Level (DN</b>	EL)		
Quartz (14808-60-7)	·		
3-lodo-2-propynyl butylcarb	amate [IPBC] (55406-53-6)		
Туре	Exposure route	Derived No Effect Level (DNEL)	Safety factor
worker Long term Systemic health effects	Inhalation	0.023 mg/m³	
worker Short term Systemic health effects	Inhalation	1.16 mg/m³	
worker Long term Systemic health effects	Dermal	2 mg/kg bw/d	

# **Predicted No Effect Concentration** No information available. **(PNEC)**

Predicted No Effect Concentration (PNEC)	
3-lodo-2-propynyl butylcarbamate [IPBC] (55406-53-6)	
Environmental compartment	Predicted No Effect Concentration (PNEC)
Freshwater	0.001 mg/l
Sewage treatment plant	0.44 mg/l
Freshwater sediment	0.017 mg/kg dry weight

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Marine sediment	0.002 mg/kg dry weight
Soil	0.005 mg/kg dry weight

#### 8.2. Exposure controls

**Engineering controls** Ensure adequate ventilation, especially in confined areas.

Personal protective equipment

**Eye/face protection** Tight sealing safety goggles.

**Hand protection** Wear protective gloves. Gloves must conform to standard EN 374. Ensure that the

breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves. The breakthrough time of the gloves depends on the material and the thickness as well as the temperature. Gloves should be replaced regularly and if there is any sign of damage to the glove material.

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**Skin and body protection** Suitable protective clothing.

Environmental exposure controls No information available.

## SECTION 9: Physical and chemical properties

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

Physical state Liquid Appearance Paste

**Colour** No information available

**Odour** Characteristic

Odour threshold No information available

Property Values Remarks • Method

pH No data available
pH (as aqueous solution) No data available
Melting point / freezing point No data available
Initial boiling point and boiling No data available

range

Flash point No data available
Evaporation rate No data available

Flammability Not applicable for liquids .

Flammability Limit in Air

Upper flammability or explosive No data available

limits

Lower flammability or explosive No data available

limits

No data available Vapour pressure Relative vapour density No data available Relative density No data available Water solubility No data available Solubility(ies) No data available **Partition coefficient** No data available **Autoignition temperature** No data available **Decomposition temperature** No data available Kinematic viscosity No data available **Dynamic viscosity** No data available **Explosive properties** No data available **Oxidising properties** No data available

9.2. Other information

Solid content (%) No information available

VOC Content (%)

Density

No data available

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## SECTION 10: Stability and reactivity

10.1. Reactivity

**Reactivity** No information available.

10.2. Chemical stability

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**Stability** Stable under normal conditions.

**Explosion data** 

Sensitivity to mechanical

None.

impact

Sensitivity to static discharge None.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

10.4. Conditions to avoid

Conditions to avoid None known based on information supplied.

10.5. Incompatible materials

Incompatible materials None known based on information supplied.

10.6. Hazardous decomposition products

**Hazardous decomposition** 

products

None under normal use conditions. Stable under recommended storage conditions.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Information on likely routes of exposure

**Product Information** 

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

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

**Skin contact** May cause sensitisation by skin contact. Specific test data for the substance or mixture

is not available. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. (based on components). May be harmful in contact with skin.

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

Symptoms related to the physical, chemical and toxicological characteristics

**Symptoms** Itching. Rashes. Hives.

Numerical measures of toxicity

**Acute toxicity** 

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (dermal) 2,674.50 mg/kg

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#### **Component Information**

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Quartz 14808-60-7	>2000 mg/kg (Rattus)		
3-lodo-2-propynyl butylcarbamate [IPBC] 55406-53-6	LD50 =1056 mg/Kg (Rattus) (OECD 401)	LD50 >2000 mg/Kg (Rattus)	=0.67 mg/L (Rattus) 4 h
2-octyl-2H-isothiazol-3-one [OIT] 26530-20-1	=125 mg/kg (Rattus)	= 690 mg/kg (Oryctolagus cuniculus)	
Zinc pyrithione 13463-41-7	=177 mg/kg (Rattus)	>2000 mg/kg (Oryctolagus cuniculus) (EPA OPP 81-2)	4h = 1.03 mg/L (Rattus) 4 h
2-methyl-2H-isothiazol-3-one [MIT] 2682-20-4	LD50 =285 mg/Kg (Rattus)	LD50 >242 mg/Kg (Rattus)	=0.11 mg/L (Rattus) 4 h

Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Skin corrosion/irritation**Based on available data, the classification criteria are not met.

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

Respiratory or skin sensitisation May cause sensitisation by skin contact.

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

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

The table below indicates whether each agency has listed any ingredient as a carcinogen.

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

The table below indicates ingredients above the cut-off threshold considered as relevant which are listed as reproductive toxins.

Chemical name	European Union
Zinc pyrithione	Repr. 1B
13463-41-7	·

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

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

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

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

Endocrine disrupting properties No information available.

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11.2.2. Other information

Other adverse effects No information available.

## **SECTION 12: Ecological information**

## 12.1. Toxicity

**Ecotoxicity** Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea	M-Factor	M-Factor
3-lodo-2-propynyl butylcarbamate [IPBC] 55406-53-6	EC50 (72 hrs)	LC50 96 h 0.049 - 0.079 mg/L (Oncorhynchus mykiss flow-through)	-	Acute EC50 (48hrs) 0.16 mg/l - Daphnia magna	10	(long-term) 1
2-octyl-2H-isothiazol-3- one [OIT] 26530-20-1	EC50(72h) = 0.084 mg/L (Scenedesmus subspicatus) (OECD 201)	LC50 (96h) = 0.036 mg/L (Oncorhynchus mykiss) (OECD 203)	-	EC50 (48h) =0.42 mg/L (OECD 202)	100	100
Zinc pyrithione 13463-41-7	EC50 (72hr) 0.0013 mg/l (Skeletonema costatum) (ISO 10253) 0.051 mg/l (Pseudokirchner iella subcapitata) (OECD 201)	EC50(96hr) 0.0104 mg/l (Brachydanio rerio) (OECD 203)	-	EC50 (48h) =0.038 mg/L Crustaceans (Ilyocypris dentifera)	1000	10
2-methyl-2H-isothiazol- 3-one [MIT] 2682-20-4	EC50 (72hr) 0.157 mg/l (Pseudokirchner iella subcapitata) (OECD 201)	EC50 (96hr) 5.71 mg/l (Oncorhynchus mykiss) OECD 203	-	EC50 (48hr) 1.68 mg/l (Daphnia) (OECD 202)	10	1

## 12.2. Persistence and degradability

Persistence and degradability No information available.

Component Information						
3-lodo-2-propynyl butylcarbamate [IPBC] (55406-53-6)						
Method	Exposure time	Value	Results			
OECD Test No. 301F: Ready	28 days		Not readily biodegradable			
Biodegradability: Manometric	-					
Respirometry Test (TG 301 F)						

2-octyl-2H-isothiazol-3-one [OIT] (26530-20-1)					
Method	Exposure time	Value	Results		
OECD Test No. 309: Aerobic		Half-life 0.6-1.4 d	Readily biodegradable		
Mineralization in Surface Water -					
Simulation Biodegradation Test					

Zinc pyrithione (13463-41-7)			
Method	Exposure time	Value	Results
OECD Test No. 309: Aerobic		biodegradation Half-life	Readily biodegradable 0.5

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Mineralization in Surface Water - days
Simulation Biodegradation Test

2-methyl-2H-isothiazol-3-one [MIT] (2682-20-4)				
Method	Exposure time	Value	Results	
OECD Test No. 308: Aerobic and		Half-life	1.28-2.1 days	
Anaerobic Transformation in				
Aquatic Sediment Systems				
OECD Test No. 309: Aerobic		biodegradation Half-life	Readily biodegradable 4.1	
Mineralization in Surface Water -			days	
Simulation Biodegradation Test			·	

#### 12.3. Bioaccumulative potential

**Bioaccumulation** There is no data for this product.

#### **Component Information**

Chemical name	Partition coefficient	Bioconcentration factor (BCF)
Quartz	-	0
14808-60-7		
3-lodo-2-propynyl butylcarbamate [IPBC]	2.88	-
55406-53-6		
2-octyl-2H-isothiazol-3-one [OIT]	2.92	-
26530-20-1		
Zinc pyrithione	1.21	-
13463-41-7		
2-methyl-2H-isothiazol-3-one [MIT]	-0.32	3.16
2682-20-4		

## 12.4. Mobility in soil

Mobility in soil No information available.

### 12.5. Results of PBT and vPvB assessment

PBT and vPvB assessment The product does not contain any substance(s) classified as PBT or vPvB.

Chemical name	PBT and vPvB assessment
3-lodo-2-propynyl butylcarbamate [IPBC]	The substance is not PBT / vPvB
55406-53-6	PBT assessment does not apply
2-octyl-2H-isothiazol-3-one [OIT] 26530-20-1	The substance is not PBT / vPvB
Zinc pyrithione 13463-41-7	The substance is not PBT / vPvB
2-methyl-2H-isothiazol-3-one [MIT] 2682-20-4	The substance is not PBT / vPvB

#### 12.6. Other adverse effects

Other adverse effects No information available.

## **SECTION 13: Disposal considerations**

## 13.1. Waste treatment methods

Waste from residues/unused products

Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

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**Contaminated packaging** Do not reuse empty containers.

Other information Waste codes should be assigned by the user based on the application for which the

product was used.

## **SECTION 14: Transport information**

#### Land transport (ADR/RID)

14.1 UN number or ID numberNot regulated14.2 Proper Shipping NameNot regulated14.3 Transport hazard class(es)Not regulated14.4 Packing groupNot regulated14.5 Environmental hazardsNot applicable14.6 Special ProvisionsNone

#### **IMDG**

14.1 UN number or ID numberNot regulated14.2 Proper Shipping NameNot regulated14.3 Transport hazard class(es)Not regulated14.4 Packing groupNot regulated14.5 Marine pollutantNP

14.5 Marine pollutant NP
14.6 Special Provisions None

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code Not applicable

## Air transport (ICAO-TI / IATA-DGR)

14.1 UN number or ID numberNot regulated14.2 Proper Shipping NameNot regulated14.3 Transport hazard class(es)Not regulated14.4 Packing groupNot regulated14.5 Environmental hazardsNot applicable

14.6 Special Provisions None

## Section 15: REGULATORY INFORMATION

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

### **European Union**

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work

Check whether measures in accordance with Directive 94/33/EC for the protection of young people at work must be taken.

Take note of Directive 92/85/EC on the protection of pregnant and breastfeeding women at work

#### Registration, Evaluation, Authorization, and Restriction of Chemicals (REACh) Regulation (EC 1907/2006)

#### **SVHC: Substances of Very High Concern for Authorisation:**

This product does not contain candidate substances of very high concern at a concentration >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59)

## EU-REACH (1907/2006) - Annex XVII - Substances subject to Restriction

This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII).

#### Substance subject to authorisation per REACH Annex XIV

This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV)

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## Ozone-depleting substances (ODS) regulation (EC) 1005/2009

Not applicable

#### **Persistent Organic Pollutants**

Not applicable

### National regulations

## 15.2. Chemical safety assessment

Chemical Safety Assessments have been carried out by the Reach registrants for substances registered at >10 tpa. No Chemical Safety Assessment has been carried out for this mixture

## **SECTION 16: Other information**

## Key or legend to abbreviations and acronyms used in the safety data sheet

## Full text of H-Statements referred to under section 3

H301 - Toxic if swallowed

H302 - Harmful if swallowed

H311 - Toxic in contact with skin

H314 - Causes severe skin burns and eye damage

H317 - May cause an allergic skin reaction

H318 - Causes serious eye damage

H330 - Fatal if inhaled

H331 - Toxic if inhaled

H360D - May damage the unborn child

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

Legend

TWA TWA (time-weighted average)
STEL STEL (Short Term Exposure Limit)

Ceiling Ceiling Limit Value
\* Skin designation

SVHC Substance(s) of Very High Concern

PBT Persistent, Bioaccumulative, and Toxic (PBT) Chemicals vPvB Very Persistent and very Bioaccumulative (vPvB) Chemicals

STOT RE Specific target organ toxicity - Repeated exposure STOT SE Specific target organ toxicity - Single exposure

EWC European Waste Catalogue

### Key literature references and sources for data

No information available

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Indication of changes

Revision note Not applicable.

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Training Advice No information available

Further information No information available

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

#### **Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet** 

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