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

## 1.1 Product identifier

Trade name

## **KRONES colfix P 6016**

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

**Uses advised against** No data available.

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

#### Address

KIC KRONES Internationale Cooperationsgesellschaft mbHBöhmerwaldstraße 593073Neutraubling

Telephone no.+49 9401 70-3020e-mailkic@kic-krones.com

Advice on Safety Data Sheet sdb\_info@umco.de

#### 1.4 Emergency telephone number

For medical advice (in German and English): +49 (0)551 192 40 (Giftinformationszentrum Nord) In case of transport incidents and other emergencies: +44 (0) 1235 239 670 (NCEC, National Chemical Emergency Centre)

## **SECTION 2: Hazards identification**

#### 2.1 Classification of the substance or mixture

#### **Classification information**

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP. This product does not meet the classification criteria given in the Regulation (EC) No 1272/2008 (CLP).

#### 2.2 Label elements

## Labelling according to Regulation (EC) No 1272/2008 (CLP Regulation)

Hazard pictograms

Signal word

Hazard statement(s)

Hazard statements (EU) EUH208

Contains 1,2-benzisothiazol-3(2H)-one, reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3-one (3:1). May produce an allergic reaction. Safety data sheet available on request.

EUH210

Precautionary statement(s)

Labelling information

# EU safety data sheet

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The labelling (EU hazard statements) meets the criteria of annex II of Directive (EC) Nr. 1272/2008 (CLP).

## 2.3 Other hazards

PBT assessment

According to the information provided in the supply chain, the mixture does not contain > 0.1% of a substance that is considered to be PBT.

vPvB assessment

According to the information provided in the supply chain, the mixture does not contain > 0.1% of a substance that is considered to be vPvB.

**SECTION 3: Composition/information on ingredients** 

## 3.1 Substances

Not applicable. The product is not a substance.

## 3.2 Mixtures

#### Chemical characterization Acrylate copolymer

	Hazardous	ingredients
--	-----------	-------------

No	Substance name		Additional information	
		Classification (EC) 1272/2008 (CLP)	Concentration	%
	REACH no			
1	1,2-benzisothiazol-	3(2H)-one		
	2634-33-5	Acute Tox. 4; H302	< 0.10	wt%
	220-120-9	Eye Dam. 1; H318		
	613-088-00-6	Skin Irrit. 2; H315		
	01-2120761540-60	Skin Sens. 1; H317		
		Aquatic Acute 1; H400		
		Aquatic Chronic 2; H411		
2	reaction mass of: 5	-chloro-2-methyl-4-isothiazolin-3-one and 2-		
	methyl-2H -isothiaz	col-3-one (3:1)		
	55965-84-9	Acute Tox. 3; H301	< 0.0015	wt%
	-	Acute Tox. 2; H310		
	613-167-00-5	Acute Tox. 2; H330		
	01-2120764691-48	Aquatic Acute 1; H400		
		Aquatic Chronic 1; H410		
		Eye Dam. 1; H318		
		Skin Corr. 1C; H314		
		Skin Sens. 1A; H317		
		EUH071		

Full Text for all H-phrases and EUH-phrases: pls. see section 16

No	Note	Specific concentration limits	M-factor (acute)	M-factor (chronic)
1	-	Skin Sens. 1; H317: C >= 0.05%	-	-
2	-	Skin Sens. 1A; H317: C >= 0.0015% Eye Irrit. 2; H319: C >= 0.06% Skin Irrit. 2; H315: C >= 0.06% Skin Corr. 1C; H314: C >= 0.6% Eye Dam. 1; H318: C >= 0.6%	M = 100	M = 100

Acut	Acute toxicity estimate (ATE) values				
No	oral	dermal	inhalative		
1	670 mg/kg bodyweight				
2	66 mg/kg bodyweight	142 mg/kg bodyweight			

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

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### 4.1 Description of first aid measures

#### **General information**

Remove contaminated clothing and shoes and launder thoroughly before reusing. In case of allergic symptoms, especially respiratory tract related, seek medical help immediately.

#### After inhalation

Ensure supply of fresh air. In case of persisting adverse effects consult a physician.

#### After skin contact

When in contact with the skin, clean with soap and water. Consult a doctor if skin irritation persists.

#### After eye contact

Remove contact lenses. Rinse eye thoroughly under running water keeping eyelids wide open and protecting the unaffected eye (at least 10 to 15 minutes). Get medical attention if pain still persists.

#### After ingestion

Rinse the mouth thoroughly with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed

#### Symptoms

May cause an allergic skin reaction.

**4.3 Indication of any immediate medical attention and special treatment needed** No data available.

## **SECTION 5: Firefighting measures**

## 5.1 Extinguishing media

#### Suitable extinguishing media

All quenching (arc-extinguishing) media available.

Unsuitable extinguishing media High power water jet

**5.2** Special hazards arising from the substance or mixture In the event of fire, the following can be released: Toxic gases/vapours

#### **5.3** Advice for firefighters Use self-contained breathing apparatus. Wear protective clothing.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

## For non-emergency personnel

Refer to protective measures listed in sections 7 and 8. High risk of slipping due to leakage/spillage of product.

#### For emergency responders

Personal protective equipment (PPE) - see section 8.

#### 6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil.

#### 6.3 Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13).

#### 6.4 Reference to other sections

Information regarding safe handling, see section 7. Information regarding personal protective measures, see section 8. Information regarding waste disposal, see section 13.

## **SECTION 7: Handling and storage**

7.1 Precautions for safe handling

Advice on safe handling

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Risks inherent to handling the product must be minimised by applying the appropriate protective and preventive measures. Working processes should - so far as possible, according to the state of the art - be designed to rule out bodily contact or the release of hazardous substances. Provide good ventilation at the work area (local exhaust ventilation, if necessary).

#### General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Wash hands before breaks and after work. Do not inhale vapours.

## 7.2 Conditions for safe storage, including any incompatibilities

#### Technical measures and storage conditions

Keep container tightly closed and dry in a cool, well-ventilated place.

Recommended storage temperature Value

10 - 30

## Requirements for storage rooms and vessels

Containers which are opened must be carefully resealed and kept upright to prevent leakage. Always keep in containers of same material as the original.

#### Incompatible products

Substances to be avoided, see section 10.

## 7.3 Specific end use(s)

No data available.

## **SECTION 8: Exposure controls/personal protection**

## 8.1 Control parameters

No parameters available for monitoring.

## 8.2 Exposure controls

#### Appropriate engineering controls

Ensure adequate ventilation, local exhaust at the work station if necessary.

## Personal protective equipment

#### **Respiratory protection**

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.

Respirator

ABEK P2

## Eye / face protection

Safety glasses (EN 166)

## Hand protection

In case of intensive contact, wear protective gloves (EN 374). Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

Appropriate Material	nitrile rubber	0	
Material thickness	>=	1	mm
Breakthrough time	>=	30	min
Appropriate Material	Polychloroprene		
Material thickness	>=	1	mm
Breakthrough time	>=	30	min
Other			

Chemical-resistant work clothes.

## Environmental exposure controls

No data available.

## SECTION 9: Physical and chemical properties

## 9.1 Information on basic physical and chemical properties

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iquid				
Form/Colour				
Highly viscous				
peige				
Odour				
characteristic				
<b>oH value</b> √alue		0.5		
Reference temperature		8.5 20	°C	
Boiling point / boiling range /alue		100	°C	
Melting point/freezing point				
Decomposition temperature				
No data available				
Flash point				
Value	>	250	°C	
gnition temperature				
No data available				
Flammability				
No data available				
L <b>ower explosion limit</b> No data available				
Upper explosion limit				
No data available				
Vapour pressure				
No data available				
Relative vapour density No data available				
Relative density				
No data available				
Density				
		1.1	g/cm <sup>3</sup>	
Reference temperature		20	°C	
Solubility in water				
Comments	difficult to mix			
<b>Solubility</b> No data available				
<b>Partition coefficient n-octanol/water (</b> No data available	log value)			
<b>Viscosity</b> Value	48000	- 80000	mPa*s	
Reference temperature		23	°C	
Туре	dynamic			
Particle characteristics				
No data available				

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#### Other information No data available.

**SECTION 10: Stability and reactivity** 

## 10.1 Reactivity

No data available.

#### **10.2** Chemical stability Stable under recommended storage and handling conditions (See section 7).

- **10.3 Possibility of hazardous reactions** Dangerous reactions are not to be expected when handling product according to its intended use.
- **10.4 Conditions to avoid** No data available.
- **10.5** Incompatible materials No data available.
- **10.6 Hazardous decomposition products** No data available.

## **SECTION 11: Toxicological information**

## 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acut	te oral toxicity				
No	Substance name		CAS no.		EC no.
1	1,2-benzisothiazol-3(2H)-one		2634-33-5		220-120-9
LD50	0			670	mg/kg bodyweight
Spec	cies	rat			
Meth	nod	OECD 401			
Sour		ECHA			
2	reaction mass of: 5-chloro-2-methyl-4-ise		55965-84-9		-
	one and 2-methyl-2H -isothiazol-3-one (3	:1)			
LD50				66	mg/kg bodyweight
Spec		rat			
Meth		OECD 401			
Sour	ce	ECHA			
Acut	te dermal toxicity				
	Substance name		CAS no.		EC no.
	1,2-benzisothiazol-3(2H)-one		2634-33-5		220-120-9
LD50		>	2004 00 0	2000	mg/kg bodyweight
Spec	-	rat		2000	ing itg body noight
Meth		OECD 402			
Sour		ECHA			
2	reaction mass of: 5-chloro-2-methyl-4-ise	othiazolin-3-	55965-84-9		-
	one and 2-methyl-2H -isothiazol-3-one (3				
LD50		>		141	mg/kg bodyweight
Spec		rat			
Meth	nod	OECD 402			
Sour	ce	ECHA			
A					
	te inhalational toxicity		CAS no.		<b>FC</b> = 0
	Substance name	this alia 2			EC no.
1	reaction mass of: 5-chloro-2-methyl-4-ise		55965-84-9		-
	and and 0 method 011 is athianal 0 and (0	.4)			
	one and 2-methyl-2H -isothiazol-3-one (3	:1)		0.00	100 m //
LC50	0	:1)		0.33	mg/l
Dura	) ition of exposure			0.33 4	mg/l h
Dura	) ition of exposure e of aggregation	:1) Dust/mist rat			

			, 	1.03.2021 <b>Reg</b>
Sou	rce	ECHA		
Skir	n corrosion/irritation			
No	Substance name		CAS no.	EC no.
1	1,2-benzisothiazol-3(2H)-one		2634-33-5	220-120-9
Dura	ation of exposure		4	h
Spe	cies	rabbit		
Meth	hod	EPA OPP 81	-5	
Sou		ECHA		
	luation	irritant		
2	reaction mass of: 5-chloro-2-methy one and 2-methyl-2H -isothiazol-3-c	I-4-isothiazolin-3-	55965-84-9	•
Spe	cies	rabbit		
Meth	hod	OECD 404		
Sou	rce	ECHA		
Eval	luation	corrosive		
Seri	ous eye damage/irritation			
	Substance name		CAS no.	EC no.
1	1,2-benzisothiazol-3(2H)-one		2634-33-5	220-120-9
	cies	rabbit		
Meth		EPA OPP 81	-4	
Sou		ECHA		
	luation	corrosive		
2	reaction mass of: 5-chloro-2-methy one and 2-methyl-2H -isothiazol-3-c		55965-84-9	•
	cies	rabbit		
Sou		ECHA		
Eva	luation	corrosive		
	piratory or skin sensitisation			
	Substance name		CAS no.	EC no.
	1,2-benzisothiazol-3(2H)-one		2634-33-5	220-120-9
	te of exposure	Skin		
Spe		guinea pig		
Meth		OECD 406		
Sou		ECHA		
	luation	sensitizing	55005 04 0	
~			55465-84-9	
2	reaction mass of: 5-chloro-2-methy		33303-04-3	-
	one and 2-methyl-2H -isothiazol-3-c	one (3:1)		-
Rou	one and 2-methyl-2H -isothiazol-3-c	one (3:1) Skin		-
Rou Spe	one and 2-methyl-2H -isothiazol-3-o te of exposure cies	one (3:1) Skin mouse		-
Rou Spe Sou	one and 2-methyl-2H -isothiazol-3-o te of exposure cies rce	one (3:1) Skin mouse ECHA		-
Rou Spe Sou Eval	one and 2-methyl-2H -isothiazol-3-o te of exposure cies rce luation	one (3:1) Skin mouse		-
Rou Spe Sou Eval	one and 2-methyl-2H -isothiazol-3-o te of exposure cies rce luation m cell mutagenicity	one (3:1) Skin mouse ECHA		-
Rou Spe Sou Eval <b>Ger</b> <b>No</b>	one and 2-methyl-2H -isothiazol-3-c te of exposure cies rce luation m cell mutagenicity Substance name	one (3:1) Skin mouse ECHA	CAS no.	- EC no. 220 420 p
Rou Spe Sou Eval <b>Ger</b> <b>No</b> 1	one and 2-methyl-2H -isothiazol-3-c         te of exposure         cies         rce         luation         m cell mutagenicity         Substance name         1,2-benzisothiazol-3(2H)-one	one (3:1) Skin mouse ECHA sensitizing	CAS no. 2634-33-5	- EC no. 220-120-9
Rou Spe Sou Eval <b>Ger</b> <b>No</b> 1	one and 2-methyl-2H -isothiazol-3-c         te of exposure         cies         rce         luation         m cell mutagenicity         Substance name         1,2-benzisothiazol-3(2H)-one         cies	me (3:1) Skin ECHA sensitizing mouse lympt	CAS no. 2634-33-5	
Rou Spe Sou Eval <b>Ger</b> <b>No</b> 1 Spe Mett	one and 2-methyl-2H -isothiazol-3-c         te of exposure         cies         rce         luation         m cell mutagenicity         Substance name         1,2-benzisothiazol-3(2H)-one         cies         hod	me (3:1) Skin ECHA sensitizing mouse lymph OECD 476	CAS no. 2634-33-5	
Rou Spe Sou Eval <b>Ger</b> <b>No</b> <b>1</b> Spe Mett Sou	one and 2-methyl-2H -isothiazol-3-c         te of exposure         cies         rce         luation         m cell mutagenicity         Substance name         1,2-benzisothiazol-3(2H)-one         cies         hod         rce	mouse Iymph OBECHA Sensitizing mouse Iymph OECD 476 ECHA	CAS no. 2634-33-5 noma cells	220-120-9
Rou Spe Sou Eval <b>Ger</b> <b>No</b> 1 Spe Met Sou Eval	one and 2-methyl-2H -isothiazol-3-c         te of exposure         cies         rce         luation         m cell mutagenicity         Substance name         1,2-benzisothiazol-3(2H)-one         cies         hod         rce         luation/classification	mouse Iymph OBECHA Sensitizing mouse Iymph OECD 476 ECHA	CAS no. 2634-33-5 noma cells	
Rou Spe Sou Eval <b>Ger</b> No 1 Spe Meth Sou Eval	one and 2-methyl-2H -isothiazol-3-c         te of exposure         cies         rce         luation         m cell mutagenicity         Substance name         1,2-benzisothiazol-3(2H)-one         cies         hod         rce         luation/classification	mouse Iymph OBECHA Sensitizing mouse Iymph OECD 476 ECHA	CAS no. 2634-33-5 noma cells ailable data, the classif	220-120-9
Rou Spe Sou Eval Ger No 1 Spe Met Sou Eval Rep No	one and 2-methyl-2H -isothiazol-3-c         te of exposure         cies         rce         luation         m cell mutagenicity         Substance name         1,2-benzisothiazol-3(2H)-one         cies         hod         rce         luation/classification         roduction toxicity         Substance name	mouse Iymph OBECHA Sensitizing mouse Iymph OECD 476 ECHA	CAS no. 2634-33-5 noma cells ailable data, the classif CAS no.	220-120-9 fication criteria are not met. EC no.
Rou Spe Sou Eval <b>Ger</b> No 1 Sou Eval Eval <b>Rep</b> No 1	one and 2-methyl-2H -isothiazol-3-c         te of exposure         cies         rce         luation         m cell mutagenicity         Substance name         1,2-benzisothiazol-3(2H)-one         cies         hod         rce         luation/classification         roduction toxicity         Substance name         1,2-benzisothiazol-3(2H)-one	mouse Iymph OBECHA Sensitizing mouse Iymph OECD 476 ECHA	CAS no. 2634-33-5 noma cells ailable data, the classif CAS no. 2634-33-5	220-120-9 fication criteria are not met. EC no. 220-120-9
Rou Spe Sou Eval <b>Ger</b> No 1 Spe Sou Eval <b>Rep</b> No 1 NO	one and 2-methyl-2H -isothiazol-3-c         te of exposure         cies         rce         luation         m cell mutagenicity         Substance name         1,2-benzisothiazol-3(2H)-one         cies         hod         rce         luation/classification         roduction toxicity         Substance name         1,2-benzisothiazol-3(2H)-one         cies         hod         rce         luation/classification         roduction toxicity         Substance name         1,2-benzisothiazol-3(2H)-one         AEL	mouse lymph OECD 476 ECHA Based on ava	CAS no. 2634-33-5 noma cells ailable data, the classif CAS no.	220-120-9 fication criteria are not met. EC no.
Rou Spe Sou Eval <b>Ger</b> No 1 Spe Mett Sou Eval <b>Rep</b> No 1 NO/ Spe	one and 2-methyl-2H -isothiazol-3-c         te of exposure         cies         rce         luation         m cell mutagenicity         Substance name         1,2-benzisothiazol-3(2H)-one         cies         hod         rce         luation/classification         roduction toxicity         Substance name         1,2-benzisothiazol-3(2H)-one         cies         hod         rce         luation/classification         roduction toxicity         Substance name         1,2-benzisothiazol-3(2H)-one         AEL         cies	mouse Iymph OECD 476 ECHA Based on ava	CAS no. 2634-33-5 noma cells ailable data, the classif CAS no. 2634-33-5 112	220-120-9 fication criteria are not met. EC no. 220-120-9
Rou Spe Sou Eval <b>Ger</b> No 1 Sou Eval Eval <b>Rep</b> No 1	one and 2-methyl-2H -isothiazol-3-c         te of exposure         cies         rce         luation         m cell mutagenicity         Substance name         1,2-benzisothiazol-3(2H)-one         cies         hod         rce         luation/classification         roduction toxicity         Substance name         1,2-benzisothiazol-3(2H)-one         cies         hod         rce         luation/classification         roduction toxicity         Substance name         1,2-benzisothiazol-3(2H)-one         AEL         cies         hod	mouse lymph OECD 476 ECHA sensitizing mouse lymph OECD 476 ECHA Based on ava	CAS no. 2634-33-5 noma cells ailable data, the classif CAS no. 2634-33-5 112	220-120-9 fication criteria are not met. EC no. 220-120-9

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STOT - single exposure			
No data available			
STOT - repeated exposure			
No Substance name	CAS no.		EC no.
1 1,2-benzisothiazol-3(2H)-one	2634-33-5		220-120-9
NOAEL		69	mg/kg bw/d
Duration of exposure		90	day(s)
Method	EPA OPP 82-1		
Source	ECHA		
Evaluation/classification	Based on available data, the cl	lassification	criteria are not met.
	·		
Aspiration hazard			

No data available

## 11.2 Information on other hazards

Endocrine disrupting properties No data available.

Other information

No data available.

## **SECTION 12: Ecological information**

## 12.1 Toxicity

No	icity to fish (acute) Substance name	CAS no.		EC no.
1	1,2-benzisothiazol-3(2H)-one	2634-33-	5	220-120-9
LC5			2.18	mg/l
Dura	ation of exposure		96	h
Spe	cies	Oncorhynchus mykiss		
Met	hod	OECD 203		
Sou	rce	ECHA		
2	reaction mass of: 5-chloro-2-methy		-9	-
LC5	one and 2-methyl-2H -isothiazol-3-	one (3:1)	0.19	
	-		0.19 96	mg/l
	ation of exposure cies	Oncorhynchus mykiss	90	h
Met		EPA OPP 72-1		
Sou		ECHA		
000				
Тох	icity to fish (chronic)			
No	Substance name	CAS no.		EC no.
1	reaction mass of: 5-chloro-2-methy one and 2-methyl-2H -isothiazol-3-		-9	-
NO	ĒC		0.098	mg/l
Dura	ation of exposure		28	day(s)
Sne				
	cies	Oncorhynchus mykiss		
Met	hod	OECD 215		
Met Sou	hod			
Sou	hod rce	OECD 215		
Met Sou Tox	hod	OECD 215		EC no.
Met Sou Tox No	hod rce <mark>icity to Daphnia (acute)</mark>	OECD 215 ECHA	5	EC no. 220-120-9
Met Sou Tox No 1	hod rce icity to Daphnia (acute) Substance name 1,2-benzisothiazol-3(2H)-one	OECD 215 ECHA CAS no.	<b>5</b> 2.94	-
Met Sou Tox No 1 EC5 Dura	hod rce icity to Daphnia (acute) Substance name 1,2-benzisothiazol-3(2H)-one 50 ation of exposure	OECD 215 ECHA CAS no. 2634-33-		220-120-9
Met Sou Tox No 1 EC5 Dura	hod rce icity to Daphnia (acute) Substance name 1,2-benzisothiazol-3(2H)-one	OECD 215 ECHA CAS no. 2634-33- Daphnia magna	2.94	<b>220-120-9</b> mg/l
Met Sou Tox No 1 EC5 Dura Spe Met	hod rce icity to Daphnia (acute) Substance name 1,2-benzisothiazol-3(2H)-one 50 ation of exposure cies hod	OECD 215 ECHA CAS no. 2634-33- Daphnia magna OECD 202	2.94	<b>220-120-9</b> mg/l
Met Sou Tox No 1 EC5 Dura Spe	hod rce icity to Daphnia (acute) Substance name 1,2-benzisothiazol-3(2H)-one 0 ation of exposure cies hod rce	OECD 215 ECHA CAS no. 2634-33- Daphnia magna OECD 202 ECHA	2.94	<b>220-120-9</b> mg/l
Met Sou Tox No 1 EC5 Dura Spe Met	hod rce icity to Daphnia (acute) Substance name 1,2-benzisothiazol-3(2H)-one ation of exposure cies hod rce reaction mass of: 5-chloro-2-methy	OECD 215 ECHA CAS no. 2634-33- Daphnia magna OECD 202 ECHA (I-4-isothiazolin-3- 55965-84	2.94 48	<b>220-120-9</b> mg/l
Met Sou Tox No 1 EC5 Dura Spe Met Sou 2	hod rce icity to Daphnia (acute) Substance name 1,2-benzisothiazol-3(2H)-one ation of exposure cies hod rce reaction mass of: 5-chloro-2-methy one and 2-methyl-2H -isothiazol-3-	OECD 215 ECHA CAS no. 2634-33- Daphnia magna OECD 202 ECHA (I-4-isothiazolin-3- 55965-84	2.94 48	<b>220-120-9</b> mg/l
Met Sou Tox No 1 ECS Dura Spe Met Sou 2 ECS	hod rce icity to Daphnia (acute) Substance name 1,2-benzisothiazol-3(2H)-one ation of exposure cies hod rce reaction mass of: 5-chloro-2-methy one and 2-methyl-2H -isothiazol-3-	OECD 215 ECHA CAS no. 2634-33- Daphnia magna OECD 202 ECHA (I-4-isothiazolin-3- 55965-84	2.94 48	<b>220-120-9</b> mg/l

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	Spec	cies	Daphnia mag	na			
	Meth		EPA OPP 72-				
	Sour	rce	ECHA				
Ī	Tavi	city to Donknia (akronia)					
		city to Daphnia (chronic) Substance name		CAS no.		EC no.	
	1	reaction mass of: 5-chloro-2-methyl-4-iso	thiazolin_3_			EC IIO.	
	•	one and 2-methyl-2H -isothiazol-3-one (3		33303-04-3		-	
	NOE		••/		0.1	mç	//
		ation of exposure			21		y(s)
	Spec		Daphnia mag				
	Meth		EPA OPP 72-	4			
	Sour	rce	ECHA				
[	Toxi	city to algae (acute)					
		Substance name		CAS no.		EC no.	
	1	1,2-benzisothiazol-3(2H)-one		2634-33-5		220-120-9	
ľ	ErC5				150	μg	/
	Dura	ation of exposure			72	h	
	Spec			capricornutum			
	Meth		OECD 201				
	Sour		ECHA	55065 94 0			
	2	reaction mass of: 5-chloro-2-methyl-4-iso one and 2-methyl-2H -isothiazol-3-one (3		55965-84-9		-	
	EC5		••)		0.0199	mg	1/1
		ation of exposure			72	h	<i>,</i> .
	Spec		Skeletonema	costatum	-		
	Meth		OECD 201				
	Sour	rce	ECHA				
ſ	Tovi	city to algae (chronic)					
		Substance name		CAS no.		EC no.	
		1,2-benzisothiazol-3(2H)-one		2634-33-5		220-120-9	
	NOE				0.0403	mg	
		ation of exposure			72	h	
	Spec			eriella subcapit	ata		
	Meth		OECD 201				
	Sour	ce	ECHA				
	Bact	teria toxicity					
		Substance name		CAS no.		EC no.	
		1,2-benzisothiazol-3(2H)-one		2634-33-5		220-120-9	
	EC5				13	mg	J/I
		ation of exposure			3	h	
	Spec		activated sluc	ige			
	Meth Sour		OECD 209 ECHA				
l	Jour		LONA				
12	.2 F	Persistence and degradability					
[	Biod	legradability					
		Substance name		CAS no.		EC no.	
		1,2-benzisothiazol-3(2H)-one		2634-33-5		220-120-9	
	Sour	ce	ECHA	www.alabla			
	Sour		ECHA readily biode	gradable			
40	Sour Eval	ce uation		gradable			
12	Sour Eval	ce uation Bioaccumulative potential		gradable			
12	Sour Eval .3 E Bioc	ce uation Bioaccumulative potential concentration factor (BCF)				<u> </u>	
12	Sour Eval .3 E Bioc No	ce uation Bioaccumulative potential concentration factor (BCF) Substance name		CAS no.		EC no.	
12	Sour Evalue .3 E Bioc No 1	ce uation Bioaccumulative potential concentration factor (BCF) Substance name 1,2-benzisothiazol-3(2H)-one			6.62	EC no. 220-120-9	
12	Sour Eval .3 E Bioc No 1 BCF	ce uation Bioaccumulative potential concentration factor (BCF) Substance name 1,2-benzisothiazol-3(2H)-one	readily biode	CAS no. 2634-33-5	6.62		
12	Sour Evalue .3 E Bioc No 1	ce uation Bioaccumulative potential concentration factor (BCF) Substance name 1,2-benzisothiazol-3(2H)-one		CAS no. 2634-33-5	6.62		
12	Sour Evalue .3 E Bioc No 1 BCF Spec	ce uation Bioaccumulative potential concentration factor (BCF) Substance name 1,2-benzisothiazol-3(2H)-one	readily biodeş	CAS no. 2634-33-5	6.62		

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Region: GB

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Region: GB

2	reaction mass of: 5-chloro-2-methyl-4-iso one and 2-methyl-2H -isothiazol-3-one (3		55965-84-9		-
BCF		<=		54	
Spe	cies	fish			
Sou	rce	ECHA			

## 12.4 Mobility in soil

No data available.

## 12.5 Results of PBT and vPvB assessment

Results of PBT and vPvB assessment				
PBT assessment	According to the information provided in the supply chain, the mixture does not contain > 0.1% of a substance that is considered to be PBT.			
vPvB assessment	According to the information provided in the supply chain, the mixture does not contain > $0.1\%$ of a substance that is considered to be vPvB.			

#### **12.6 Endocrine disrupting properties** No data available.

## 12.7 Other adverse effects

No data available.

## 12.8 Other information

## Other information

Do not discharge product unmonitored into the environment.

## **SECTION 13: Disposal considerations**

## 13.1 Waste treatment methods

#### Product

Disposal of the product should be carried out in accordance with all applicable regulations following consultation with the responsible local authority and the disposal company in an authorised and suitable disposal facility. Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

#### Packaging

Residues must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

## **SECTION 14: Transport information**

## 14.1 Transport ADR/RID/ADN

The product is not subject to ADR/RID/ADN regulations.

#### 14.2 Transport IMDG

The product is not subject to IMDG regulations.

## 14.3 Transport ICAO-TI / IATA

The product is not subject to ICAO-TI / IATA regulations.

## 14.4 Other information

No data available.

#### **14.5** Environmental hazards Information on environmental hazards, if relevant, please see 14.1 - 14.3.

**14.6** Special precautions for user No data available.

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## 14.7 Maritime transport in bulk according to IMO instruments

Not relevant

## **SECTION 15: Regulatory information**

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

#### Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

## REACH candidate list of substances of very high concern (SVHC) for authorisation

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

# Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES

The product contains following substance(s) that are considered being subject to REACH regulation (EC) 1907/2006 annex XVII.

	No	Substance name	CAS no.	EC no.	No
	1	1,2-benzisothiazol-3(2H)-one	2634-33-5	220-120-9	75
ſ	2 reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3- 55965-84-9		55965-84-9	-	75
		one and 2-methyl-2H -isothiazol-3-one (3:1)			

**Directive 2012/18/EU** on the control of major-accident hazards involving dangerous substances This product is not subject to Part 1 or 2 of Annex I.

#### Other regulations

Adhere to the national sanitary and occupational safety regulations when using this product.

#### 15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this mixture.

## **SECTION 16: Other information**

## Sources of key data used to compile the data sheet:

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164.

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding section.

# Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)

EUH071	Corrosive to the respiratory tract.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H310	Fatal 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.
H330	Fatal if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.

#### Creation of the safety data sheet

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This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

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