

# EU safety data sheet

**Trade name:** KRONES colfix P 78/2

**Current version :** 4.1.0, issued: 21.12.2022

**Replaced version:** 4.0.0, issued: 28.10.2022

**Region:** GB

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

### 1.1 Product identifier

**Trade name**

**KRONES colfix P 78/2**

### 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 mbH  
Böhmerwaldstraße 5  
93073 Neutraubling

Telephone no. +49 9401 70-3020

e-mail kic@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 in accordance with Regulation (EC) No 1272/2008 (CLP)**

Eye Irrit. 2; H319

**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.

### 2.2 Label elements

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

**Hazard pictograms**



GHS07

**Signal word**

Warning

**Hazard statement(s)**

H319

Causes serious eye irritation.

**Hazard statements (EU)**

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EUH208 Contains dibutyl-maleate, 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.

**Precautionary statement(s)**

P280 Wear eye protection.

**Supplemental label elements**

"Restricted to professional users"

## 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**

Plastic dispersion, water-based

**Hazardous ingredients**

No	Substance name		Additional information	
	CAS / EC / Index / REACH no	Classification (EC) 1272/2008 (CLP)	Concentration	%
1	<b>Resin acids and Rosin acids, reaction products with formaldehyde, potassium salt</b>			
	92129-53-8 295-855-1 - 01-2119967780-27	Eye Irrit. 2; H319	>= 25.00 - < 50.00	wt%
2	<b>dibutyl-maleate</b>			
	105-76-0 203-328-4 - 01-2119523581-45	Skin Sens. 1; H317 STOT RE 2; H373o Aquatic Acute 1; H400	< 2.50	wt%
3	<b>disodium tetraborate, anhydrous</b>			
	1330-43-4 215-540-4 005-011-00-4 -	Repr. 1B; H360FD	< 0.50	wt%
4	<b>1,2-benzisothiazol-3(2H)-one</b>			
	2634-33-5 220-120-9 613-088-00-6 01-2120761540-60	Acute Tox. 4; H302 Eye Dam. 1; H318 Skin Irrit. 2; H315 Skin Sens. 1; H317 Aquatic Acute 1; H400 Aquatic Chronic 2; H411	< 0.10	wt%
5	<b>bronopol</b>			

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**Region:** GB

	52-51-7 200-143-0 603-085-00-8 01-2119980938-15	Acute Tox. 3; H301 Acute Tox. 4; H312 Acute Tox. 3; H331 Eye Dam. 1; H318 Skin Irrit. 2; H315 STOT SE 3; H335 Aquatic Acute 1; H400 Aquatic Chronic 2; H411	< 0.10	wt%
6	<b>reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3-one (3:1)</b>			
	55965-84-9 - 613-167-00-5 01-2120764691-48	Acute Tox. 3; H301 Acute Tox. 2; H310 Acute Tox. 2; H330 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 Eye Dam. 1; H318 Skin Corr. 1C; H314 Skin Sens. 1A; H317 EUH071	< 0.0015	wt%

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

No	Note	Specific concentration limits	M-factor (acute)	M-factor (chronic)
4	-	Skin Sens. 1; H317: C >= 0.05%	-	-
5	-	-	M = 10	-
6	-	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

No	Route, target organ, concrete effect
2	H373o oral; -; -

Acute toxicity estimate (ATE) values			
No	oral	dermal	inhalative
2			5,1 mg/l

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General information

Remove contaminated clothing and shoes immediately, and launder thoroughly before reusing. In case of persisting adverse effects, consult a physician.

#### After inhalation

Remove affected persons from dangerous area by observing suitable respiratory protection measures. Ensure supply of fresh air. In case of persisting adverse effects consult a physician.

#### After skin contact

In case of contact with skin wash off with 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 immediate ophthalmic treatment.

#### 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

Allergic symptoms

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## 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. Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations. Do not allow run-off from fire fighting to enter drains or water courses.

## 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

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. Do not inhale vapours. Avoid contact with eyes and skin. Wash hands before breaks and after work. Remove contaminated clothing and shoes and launder thoroughly before reusing.

### 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. Protect from heat and direct sunlight. Keep from freezing.

#### Recommended storage temperature

Value 10 - 30 °C

#### Requirements for storage rooms and vessels

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

# EU safety data sheet

Trade name: KRONES colfix P 78/2

Current version : 4.1.0, issued: 21.12.2022

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Region: GB

## 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

#### Occupational exposure limit values

No	Substance name	CAS no.	EC no.
1	disodium tetraborate, anhydrous	1330-43-4	215-540-4
List of approved workplace exposure limits (WELs) / EH40			
Disodium tetraborate, anhydrous			
	WEL long-term (8-hr TWA reference period)	1	mg/m <sup>3</sup>

#### DNEL, DMEL and PNEC values

##### DNEL values (worker)

No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	Resin acids and Rosin acids, reaction products with formaldehyde, potassium salt			92129-53-8 295-855-1	
	dermal	Long term (chronic)	systemic	2131	mg/kg bw/day
	inhalative	Long term (chronic)		10	mg/m <sup>3</sup>
2	dibutyl-maleate			105-76-0 203-328-4	
	dermal	Long term (chronic)	systemic	0.42	mg/kg/day
	dermal	Long term (chronic)	local	4.12	mg/cm <sup>2</sup>
	inhalative	Long term (chronic)	systemic	5.28	mg/m <sup>3</sup>
	inhalative	Long term (chronic)	local	5.28	mg/m <sup>3</sup>

##### DNEL value (consumer)

No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	Resin acids and Rosin acids, reaction products with formaldehyde, potassium salt			92129-53-8 295-855-1	
	oral	Long term (chronic)	systemic	1065	mg/kg bw/day
	dermal	Long term (chronic)	systemic	1065	mg/kg bw/day
2	dibutyl-maleate			105-76-0 203-328-4	
	oral	Long term (chronic)	systemic	0.25	mg/kg/day

##### PNEC values

No	Substance name		CAS / EC no	
	ecological compartment	Type	Value	
1	dibutyl-maleate		105-76-0 203-328-4	
	water	fresh water	0.001	mg/L
	water	marine water	0	mg/L
	water	fresh water sediment	0.031	mg/kg
	water	marine water sediment	0.003	mg/kg
	soil	-	0.006	mg/kg dry weight
	sewage treatment plant	-	4.886	mg/L
	secondary poisoning	-	6.33	mg/kg food

### 8.2 Exposure controls

Appropriate engineering controls

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Trade name: KRONES colfix P 78/2

Current version : 4.1.0, issued: 21.12.2022

Replaced version: 4.0.0, issued: 28.10.2022

Region: GB

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL (=Occupational Exposure Limit), suitable respiratory protection must be worn.

## 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 with side protection shield (EN 166)

### Hand protection

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. 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	Polychloroprene		
Material thickness	>=	1	mm
Breakthrough time	>	30	min
Appropriate Material	natural rubber		
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

<b>State of aggregation</b>			
liquid			
<b>Form</b>			
Dispersion; viscous			
<b>Colour</b>			
light brown			
<b>Odour</b>			
resinous			
<b>pH value</b>			
Value	9.5	-	10.5
Reference temperature			23 °C
<b>Boiling point / boiling range</b>			
Value		100	°C
Reference pressure		1013	hPa
<b>Melting point/freezing point</b>			
No data available			
<b>Decomposition temperature</b>			
No data available			
<b>Flash point</b>			
Value	>	100	°C
<b>Ignition temperature</b>			
No data available			

# EU safety data sheet

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Current version : 4.1.0, issued: 21.12.2022

Replaced version: 4.0.0, issued: 28.10.2022

Region: GB

<b>Flammability</b>			
No data available			
<b>Lower explosion limit</b>			
No data available			
<b>Upper explosion limit</b>			
No data available			
<b>Vapour pressure</b>			
No data available			
<b>Relative vapour density</b>			
No data available			
<b>Relative density</b>			
No data available			
<b>Density</b>			
Value	1	g/cm <sup>3</sup>	
Reference temperature	20	°C	
<b>Solubility in water</b>			
Reference temperature	20	°C	
Comments	soluble		
<b>Solubility</b>			
No data available			
<b>Partition coefficient n-octanol/water (log value)</b>			
<b>No</b>	<b>Substance name</b>	<b>CAS no.</b>	<b>EC no.</b>
1	dibutyl-maleate	105-76-0	203-328-4
log Pow		3.39	
Reference temperature		25	°C
Method	OECD 117		
Source	ECHA		
<b>Kinematic viscosity</b>			
Value	30000 - 75000	mPa*s	
Reference temperature	20	°C	
<b>Particle characteristics</b>			
No data available			

## 9.2 Other information

<b>Other information</b>
No data available.

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Stable at ambient temperature.

### 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

None, if handled according to intended use.

### 10.5 Incompatible materials

None known.

### 10.6 Hazardous decomposition products

None, if handled according to intended use.

# EU safety data sheet

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**Region:** GB

## SECTION 11: Toxicological information

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

<b>Acute oral toxicity</b>			
No	Substance name	CAS no.	EC no.
1	Resin acids and Rosin acids, reaction products with formaldehyde, potassium salt	92129-53-8	295-855-1
LD50	>	2000	mg/kg bodyweight
Species	rat		
Method	OECD 423		
Source	ECHA		
Evaluation/classification	Based on the available data, the classification criteria are not met.		
2	dibutyl-maleate	105-76-0	203-328-4
LD50	>=	3730	mg/kg bodyweight
Species	rat		
Method	OECD 401		
Source	ECHA		

<b>Acute dermal toxicity</b>			
No	Substance name	CAS no.	EC no.
1	Resin acids and Rosin acids, reaction products with formaldehyde, potassium salt	92129-53-8	295-855-1
LD50	>	2000	mg/kg bodyweight
Species	rat		
Method	OECD 402		
Source	ECHA		
Evaluation/classification	Based on the available data, the classification criteria are not met.		
2	dibutyl-maleate	105-76-0	203-328-4
LD50	>	2000	mg/kg bodyweight
Species	rat		
Method	OECD 402		

<b>Acute inhalational toxicity</b>			
No	Substance name	CAS no.	EC no.
1	dibutyl-maleate	105-76-0	203-328-4
LC50	>	5	mg/l
Duration of exposure		4	h
State of aggregation	Vapour		
Species	rat		
Method	OECD 403		
Source	ECHA		

<b>Skin corrosion/irritation</b>			
No	Substance name	CAS no.	EC no.
1	Resin acids and Rosin acids, reaction products with formaldehyde, potassium salt	92129-53-8	295-855-1
Species	rabbit		
Method	OECD 404		
Source	ECHA		
Evaluation	non-irritant		
Evaluation/classification	Based on the available data, the classification criteria are not met.		
2	dibutyl-maleate	105-76-0	203-328-4
Species	rabbit		
Method	OECD 404		
Source	ECHA		
Evaluation	low-irritant		
Evaluation/classification	Based on available data, the classification criteria are not met.		

<b>Serious eye damage/irritation</b>			
No	Substance name	CAS no.	EC no.
1	Resin acids and Rosin acids, reaction products with formaldehyde, potassium salt	92129-53-8	295-855-1



# EU safety data sheet

**Trade name:** KRONES colfix P 78/2

**Current version :** 4.1.0, issued: 21.12.2022

**Replaced version:** 4.0.0, issued: 28.10.2022

**Region:** GB

Species	rabbit
Method	OECD 405
Source	ECHA
Evaluation	irritant
Evaluation/classification	Based on available data, the classification criteria are met.
<b>2</b>	<b>dibutyl-maleate</b> <b>105-76-0</b> <b>203-328-4</b>
Species	rabbit
Method	OECD 405
Source	ECHA
Evaluation	low-irritant
Evaluation/classification	Based on available data, the classification criteria are not met.

Respiratory or skin sensitisation			
No	Substance name	CAS no.	EC no.
1	Resin acids and Rosin acids, reaction products with formaldehyde, potassium salt	92129-53-8	295-855-1
Route of exposure		Skin	
Species	mouse		
Method	Local Lymph Node Assay		
Source	ECHA		
Evaluation	non-sensitizing		
<b>2</b>	<b>dibutyl-maleate</b> <b>105-76-0</b> <b>203-328-4</b>		
Route of exposure		Skin	
Species	guinea pig		
Method	OECD 406		
Source	ECHA		
Evaluation	sensitizing		

Germ cell mutagenicity			
No	Substance name	CAS no.	EC no.
1	Resin acids and Rosin acids, reaction products with formaldehyde, potassium salt	92129-53-8	295-855-1
Type of examination		in vitro gene mutation study in bacteria	
Species	S. typhimurium TA 1535, TA 1537, TA 98, TA 100 and E. coli WP2		
Method	OECD 471		
Source	ECHA		
Evaluation/classification	Based on the available data, the classification criteria are not met.		
<b>2</b>	<b>dibutyl-maleate</b> <b>105-76-0</b> <b>203-328-4</b>		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		

Reproduction toxicity			
No	Substance name	CAS no.	EC no.
1	dibutyl-maleate	105-76-0	203-328-4
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		

Carcinogenicity	
No data available	

STOT - single exposure	
No data available	

STOT - repeated exposure			
No	Substance name	CAS no.	EC no.
1	Resin acids and Rosin acids, reaction products with formaldehyde, potassium salt	92129-53-8	295-855-1
Route of exposure		oral	
NOAEL	5000	ppm	
Species	rat		
Method	OECD 408		
Source	ECHA		
Evaluation/classification	Based on the available data, the classification criteria are not met.		
<b>2</b>	<b>dibutyl-maleate</b> <b>105-76-0</b> <b>203-328-4</b>		

# EU safety data sheet

Trade name: KRONES colfix P 78/2

Current version : 4.1.0, issued: 21.12.2022

Replaced version: 4.0.0, issued: 28.10.2022

Region: GB

Source	ECHA
Evaluation/classification	Based on available data, the classification criteria are met.

<b>Aspiration hazard</b>
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

Toxicity to fish (acute)			
No	Substance name	CAS no.	EC no.
1	Resin acids and Rosin acids, reaction products with formaldehyde, potassium salt	92129-53-8	295-855-1
LC50		1.7	mg/l
Duration of exposure		96	h
Species	Pimephales promelas		
Method	OECD 203		
Source	ECHA		
Evaluation/classification	Based on the available data, the classification criteria are not met.		
2	dibutyl-maleate	105-76-0	203-328-4
LC50		0.6	mg/l
Duration of exposure		96	h
Species	Oncorhynchus mykiss		
Method	OECD 203		
Source	ECHA		

<b>Toxicity to fish (chronic)</b>
No data available

Toxicity to Daphnia (acute)			
No	Substance name	CAS no.	EC no.
1	dibutyl-maleate	105-76-0	203-328-4
EC50		21	mg/l
Duration of exposure		48	h
Species	Daphnia magna		
Method	OECD 202		
Source	ECHA		

<b>Toxicity to Daphnia (chronic)</b>
No data available

Toxicity to algae (acute)			
No	Substance name	CAS no.	EC no.
1	dibutyl-maleate	105-76-0	203-328-4
EC50		6.2	mg/l
Duration of exposure		72	h
Species	Desmodesmus subspicatus		
Method	OECD 201		
Source	ECHA		

<b>Toxicity to algae (chronic)</b>
No data available

<b>Bacteria toxicity</b>
No data available

### 12.2 Persistence and degradability

# EU safety data sheet

**Trade name:** KRONES colfix P 78/2

**Current version :** 4.1.0, issued: 21.12.2022

**Replaced version:** 4.0.0, issued: 28.10.2022

**Region:** GB

<b>Biodegradability</b>			
No	Substance name	CAS no.	EC no.
1	dibutyl-maleate	105-76-0	203-328-4
Type	DOC decrease		
Value		95	%
Duration		19	day(s)
Method	EU C.4-B		
Source	ECHA		
Evaluation	readily biodegradable		

<b>Abiotic Degradation</b>			
No	Substance name	CAS no.	EC no.
1	dibutyl-maleate	105-76-0	203-328-4
Type	Hydrolysis		
Half-life		2870	h
pH value		7	
Reference temperature		25	°C
Method	OECD 111		
Source	ECHA		

## 12.3 Bioaccumulative potential

<b>Partition coefficient n-octanol/water (log value)</b>			
No	Substance name	CAS no.	EC no.
1	dibutyl-maleate	105-76-0	203-328-4
log Pow		3.39	
Reference temperature		25	°C
Method	OECD 117		
Source	ECHA		

## 12.4 Mobility in soil

No data available.

## 12.5 Results of PBT and vPvB assessment

<b>Results of PBT and vPvB assessment</b>	
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

<b>Other information</b>
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

# EU safety data sheet

**Trade name:** KRONES colfix P 78/2

**Current version :** 4.1.0, issued: 21.12.2022

**Replaced version:** 4.0.0, issued: 28.10.2022

**Region:** GB

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.

### 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

The product contains following substance(s) meeting the criteria in Article 57 in association with Article 59 of the REACH regulation ((EC) 1907/2006) that are placed on the list of candidates considered for inclusion in annex XIV (substances subject to Authorisation).

No	Substance name	CAS no.	EC no.
1	disodium tetraborate, anhydrous	1330-43-4	215-540-4

#### 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 is considered being subject to REACH regulation (EC) 1907/2006 annex XVII. No 3

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
2	bronopol	52-51-7	200-143-0	75
3	disodium tetraborate, anhydrous	1330-43-4	215-540-4	30, 75
4	reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3-one (3:1)	55965-84-9	-	75

#### 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.

# EU safety data sheet

**Trade name:** KRONES colfix P 78/2

**Current version :** 4.1.0, issued: 21.12.2022

**Replaced version:** 4.0.0, issued: 28.10.2022

**Region:** GB

## 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.
H312	Harmful 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.
H331	Toxic if inhaled.
H335	May cause respiratory irritation.
H360FD	May damage fertility. May damage the unborn child.
H373o	May cause damage to organs through prolonged or repeated exposure if swallowed.
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.

### Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.

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