

**Trade name:** einzA Garant**Product no.:** 0030247**Current version:** 1.0.1, Revision: 01.04.2026**Replaced version:** 1.0.0, Revision: 28.01.2026**Region:**  
GER**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier****Trade name****einzA Garant****1.2 Relevant identified uses of the substance or mixture and uses advised against****Relevant identified uses of the substance or mixture**

coating material

**Uses advised against**

No data available.

**1.3 Details of the supplier of the safety data sheet****Address**

einzA Farben GmbH &amp; Co KG

Junkersstraße 13

30179 Hannover

Telephone no. +49 (0)511 67490-0

Fax no. +49 (0)511 67490-20

e-mail info@einza.com

**Information provided by / telephone**

In emergencies, the country-specific emergency number can be found in the corresponding country-specific safety data sheets.

**Advice on Safety Data Sheet**

sdb\_info@umco.de

**1.4 Emergency telephone number**

+49 (0)40 0511 - 674 90-0

**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture****Classification in accordance with Regulation (EC) No 1272/2008 (CLP)**

Aquatic Chronic 3; H412

**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**

-

**Signal word**

-

**Hazard statement(s)**

H412

Harmful to aquatic life with long lasting effects.

**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), 2-octyl-2H-isothiazol-3-one. May produce an allergic reaction.

**Precautionary statement(s)**

Trade name: einzA Garant

Product no.: 0030247

Current version: 1.0.1, Revision: 01.04.2026

Replaced version: 1.0.0, Revision: 28.01.2026

Region:  
GER

P501

Dispose of contents/container to a facility in accordance with local and national regulations.

**2.3 Other hazards**

The product does not contain any components > 0.1% that meet the criteria for PBT and vPvB according to Regulation (EC) No. 1907/2006, Annex XIII, or that have been included in the list compiled in accordance with Article 59(1). This product does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

**SECTION 3: Composition/information on ingredients****3.1 Substances**

Not applicable. The product is not a substance.

**3.2 Mixtures****Hazardous ingredients**

No	Substance name	Additional information	
	CAS / EC / Index / REACH no	Classification (EC) 1272/2008 (CLP)	Concentration
			%
1	<b>Kieselguhr, soda ash flux-calcined</b>		
	68855-54-9 272-489-0 - 01-2119488518-22	STOT RE 2; H373i	< 5,00 wt%
2	<b>Quartz (SiO<sub>2</sub>)</b>		
	14808-60-7 238-878-4 - -	-	< 2,50 wt%
3	<b>1,2-benzisothiazol-3(2H)-one</b>		
	2634-33-5 220-120-9 613-088-00-6 -	Acute Tox. 4; H302 Skin Irrit. 2; H315 Skin Sens. 1A; H317 Eye Dam. 1; H318 Acute Tox. 2; H330 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	< 0,10 wt%
4	<b>bronopol</b>		
	52-51-7 200-143-0 603-085-00-8 01-2119980938-15	Acute Tox. 4; H302 Acute Tox. 4; H312 Eye Dam. 1; H318 Skin Irrit. 2; H315 STOT SE 3; H335 Aquatic Acute 1; H400 Aquatic Chronic 2; H411	< 0,10 wt%
5	<b>pyrithione zinc</b>		
	13463-41-7 236-671-3 613-333-00-7 -	Acute Tox. 3; H301 Acute Tox. 2; H330 Eye Dam. 1; H318 Repr. 1B; H360D STOT RE 1; H372 Aquatic Acute 1; H400 Aquatic Chronic 1; H410	< 0,10 wt%
6	<b>terbutryn</b>		
	886-50-0 212-950-5 - -	Aquatic Acute 1; H400 Aquatic Chronic 1; H410 Acute Tox. 4; H302 Skin Sens. 1; H317	< 0,025 wt%
7	<b>reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H -isothiazol-3-one (3:1)</b>		

Trade name: einza Garant

Product no.: 0030247

Current version: 1.0.1, Revision: 01.04.2026

Replaced version: 1.0.0, Revision: 28.01.2026

Region:  
GER

	55965-84-9 - 613-167-00-5 -	Acute Tox. 2; H310 Acute Tox. 2; H330 Acute Tox. 3; H301 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 EUH071 Eye Dam. 1; H318 Skin Corr. 1C; H314 Skin Sens. 1A; H317	< 0,0015	wt%
8	<b>2-octyl-2H-isothiazol-3-one</b>			
	26530-20-1 247-761-7 613-112-00-5 -	Acute Tox. 3; H301 Acute Tox. 3; H311 Skin Corr. 1; H314 Skin Sens. 1A; H317 Eye Dam. 1; H318 Acute Tox. 2; H330 Aquatic Chronic 1; H410 Aquatic Acute 1; H400 EUH071	< 0,10	wt%

Full text of H- and EUH-phrases, if not already mentioned in section 2.2: see section 16.

No	Note	Specific concentration limits	M-factor (acute)	M-factor (chronic)
3	-	Skin Sens. 1A; H317: C >= 0,036%	M = 1	M = 1
4	-	-	M = 10	-
5	-	-	M = 1000	M = 10
6	-	-	M = 100	M = 100
7	B	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
8	-	Skin Sens. 1A; H317: C >= 0,0015%	M = 100	M = 100

Full text for the notes: pls. see section 16 "Notes relating to the identification, classification and labelling of substances ((EC) No 1272/2008, Annex VI)".

No	Route, target organ, concrete effect
1	H373i inhalational; -; -

Acute toxicity estimate (ATE) values			
No	oral	dermal	inhalative
3	450 mg/kg bodyweight		
4	305 mg/kg bodyweight		
5	221 mg/kg bodyweight		
6	500 mg/kg bodyweight		
8	125 mg/kg bodyweight	311 mg/kg bodyweight	

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General information

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. If unconscious place in recovery position and seek medical advice.

#### After inhalation

Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration.

#### After skin contact

Remove contaminated clothing. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners.

#### After eye contact

**Trade name:** einza Garant

**Product no.:** 0030247

**Current version:** 1.0.1, Revision: 01.04.2026

**Replaced version:** 1.0.0, Revision: 28.01.2026

**Region:**  
GER

Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.

**After ingestion**

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

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

No data available.

**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**

Not combustible under normal conditions. Extinguishing measures to suit surroundings.

**Unsuitable extinguishing media**

No data available.

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

None known.

**5.3 Advice for firefighters**

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**

Avoid breathing vapours. Refer to protective measures listed in sections 7 and 8.

**For emergency responders**

No data available. Personal protective equipment (PPE) - see Section 8.

**6.2 Environmental precautions**

If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations. Do not allow to enter drains/watercourses/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). Clean preferably with a detergent - avoid use of solvents.

**6.4 Reference to other sections**

No data available.

## SECTION 7: Handling and storage

**7.1 Precautions for safe handling**

**Advice on safe handling**

Avoid the inhalation of dust, particulates and spray mist arising from the application of this mixture. Avoid inhalation of dust from sanding. For personal protection see section 8.

**General protective and hygiene measures**

Avoid skin and eye contact. Do not eat or drink during work - no smoking. Wash hands before breaks and after work. Clean skin thoroughly after work; apply skin cream.

**Advice on protection against fire and explosion**

No special measures necessary.

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

**Technical measures and storage conditions**

Trade name: einzA Garant

Product no.: 0030247

Current version: 1.0.1, Revision: 01.04.2026

Replaced version: 1.0.0, Revision: 28.01.2026

Region:  
GER

Comply with legal health and safety regulations; Storage in accordance with the Ordinance on Industrial Safety and Health. Prevent unauthorised access. No smoking. Keep from freezing.

**Requirements for storage rooms and vessels**

Always keep in containers of same material as the original one. Never use pressure to empty: container is not a pressure vessel. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep container tightly closed. Observe label precautions.

**Incompatible products**

Store away from oxidising agents, from strongly alkaline and strongly acid materials.

**Stoarge Class according TRGS 510**

12 Non-combustible liquids that cannot be assigned to any of the above LGKs.

**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	<b>Kieselguhr, soda ash flux-calcined</b>	<b>68855-54-9</b>	<b>272-489-0</b>
	<b>TRGS 900</b>		
	Kieselgur, gebrannt		
	WEL long-term (8-hr TWA reference period)	0,3 A	mg/m <sup>3</sup>
	Notes	Y, 1	
2	<b>Quartz (SiO<sub>2</sub>)</b>	<b>14808-60-7</b>	<b>238-878-4</b>
	<b>2004/37/EC</b>		
	Respirable crystalline silica dust		
	WEL long-term (8-hr TWA reference period)	0,1 (9)	mg/m <sup>3</sup>
3	<b>2-octyl-2H-isothiazol-3-one</b>	<b>26530-20-1</b>	<b>247-761-7</b>
	<b>TRGS 900</b>		
	2-Octyl-2H-isothiazol-3-on		
	WEL long-term (8-hr TWA reference period)	0,05 E	mg/m <sup>3</sup>
	Ceiling Limit	2 (I)	
	Skin resorption / sensibilisation	H	
	Notes	Y	

DNEL, DMEL and PNEC values

**DNEL values (worker)**

No	Substance name			CAS / EC no
	Route of exposure	Exposure time	Effect	Value
1	<b>Kieselguhr, soda ash flux-calcined</b>			<b>68855-54-9</b> <b>272-489-0</b>
	inhalative	Long term (chronic)	systemic	0,05 mg/m <sup>3</sup>
2	<b>bronopol</b>			<b>52-51-7</b> <b>200-143-0</b>
	dermal	Long term (chronic)	systemic	2,3 mg/kg/day
	dermal	Short term (acut)	systemic	7 mg/kg/day
	dermal	Long term (chronic)	local	13 µg/cm <sup>2</sup>
	dermal	Short term (acut)	local	13 µg/cm <sup>2</sup>
	inhalative	Long term (chronic)	systemic	4,1 mg/m <sup>3</sup>
	inhalative	Short term (acut)		12,3 mg/m <sup>3</sup>
	inhalative	Long term (chronic)	local	4.2 mg/m <sup>3</sup>
	inhalative	Short term (acut)	local	4,2 mg/m <sup>3</sup>

**DNEL value (consumer)**

No	Substance name			CAS / EC no
	Route of exposure	Exposure time	Effect	Value

**Trade name:** einZA Garant

**Product no.:** 0030247

**Current version:** 1.0.1, Revision: 01.04.2026

**Replaced version:** 1.0.0, Revision: 28.01.2026

**Region:**  
GER

1	<b>Kieselguhr, soda ash flux-calcined</b>			<b>68855-54-9</b> <b>272-489-0</b>
	oral	Long term (chronic)	systemic	18,7 mg/kg bw/day
	inhalative	Long term (chronic)	systemic	0,05 mg/m <sup>3</sup>
2	<b>bronopol</b>			<b>52-51-7</b> <b>200-143-0</b>
	oral	Long term (chronic)	systemic	0,35 mg/kg/day
	oral	Short term (acut)	systemic	1,1 mg/kg/day
	dermal	Long term (chronic)	systemic	1,4 mg/kg/day
	dermal	Short term (acut)	systemic	4,2 mg/kg/day
	dermal	Long term (chronic)	local	8 µg/cm <sup>2</sup>
	dermal	Short term (acut)	local	8 µg/cm <sup>2</sup>
	inhalative	Long term (chronic)	systemic	1,2 mg/m <sup>3</sup>
	inhalative	Short term (acut)	systemic	3,7 mg/m <sup>3</sup>
	inhalative	Long term (chronic)	local	1,3 mg/m <sup>3</sup>
	inhalative	Short term (acut)	local	1,3 mg/m <sup>3</sup>

### PNEC values

No	Substance name	CAS / EC no	
	ecological compartment	Type	Value
1	<b>Kieselguhr, soda ash flux-calcined</b>		<b>68855-54-9</b> <b>272-489-0</b>
	sewage treatment plant	-	100 mg/L
2	<b>bronopol</b>		<b>52-51-7</b> <b>200-143-0</b>
	water	fresh water	0,01 mg/L
	water	marine water	0,001 mg/L
	water	fresh water sediment	0,041 mg/kg dry weight
	water	marine water sediment	0,003 mg/kg dry weight
	soil	-	0,5 mg/kg dry weight
	sewage treatment plant	-	0,43 mg/L

## 8.2 Exposure controls

### Appropriate engineering controls

Provide good ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

### Personal protective equipment

#### Respiratory protection

Not necessary. When applied by spraying: Filter A2P2 (DIN EN 14387)

#### Eye / face protection

Wear safety goggles to protect against splashes. 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 In case of short-term contact / splash protection: nitrile rubber

Material thickness > 0,4 mm

Breakthrough time > 120 min

Appropriate Material In case of prolonged exposure: nitrile rubber

Material thickness > 0,4 mm

Breakthrough time > 480 min

#### Other

Light protective clothing

Trade name: einZA Garant

Product no.: 0030247

Current version: 1.0.1, Revision: 01.04.2026

Replaced version: 1.0.0, Revision: 28.01.2026

Region:  
GER**Environmental exposure controls**

Do not allow to enter drains or water courses.

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

<b>State of aggregation</b>	
liquid	
<b>Form</b>	
liquid	
<b>Colour</b>	
according to product name	
<b>Odour</b>	
characteristic	
<b>pH value</b>	
Value	7,0 - 9,0
<b>Boiling point / boiling range</b>	
Value	100 °C
<b>Melting point/freezing point</b>	
No data available	
<b>Decomposition temperature</b>	
No data available	
<b>Flash point</b>	
Not applicable	
<b>Ignition temperature</b>	
No data available	
<b>Oxidising properties</b>	
Not applicable	
<b>Flammability</b>	
Not applicable	
<b>Lower explosion limit</b>	
No data available	
<b>Upper explosion limit</b>	
No data available	
<b>Vapour pressure</b>	
Value	< 100 hPa
Reference temperature	50 °C
<b>Relative vapour density</b>	
No data available	
<b>Relative density</b>	
No data available	
<b>Density</b>	
Value	1,30 - 1,70 g/cm <sup>3</sup>
Reference temperature	25 °C
Method	DIN 51757
<b>Solubility in water</b>	
Comments	miscible
<b>Solubility</b>	

Trade name: einzA Garant

Product no.: 0030247

Current version: 1.0.1, Revision: 01.04.2026

Replaced version: 1.0.0, Revision: 28.01.2026

Region:  
GER

No data available

**Partition coefficient n-octanol/water (log value)**

No	Substance name	CAS no.	EC no.
1	terbutryn	886-50-0	212-950-5
log Pow		3,74	

**Kinematic viscosity**

Value	5000 - 15000	mPa*s
Reference temperature	25	°C
Method	DIN 53019	

**Solvent separation test**

Not applicable

**Particle characteristics**

No data available

**9.2 Other information****Other information**

No data available.

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

Stable under recommended storage and handling conditions (See section 7).

**10.2 Chemical stability**

Stable under recommended storage and handling conditions (See section 7).

**10.3 Possibility of hazardous reactions**

Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

**10.4 Conditions to avoid**

Heat, naked flames and other ignition sources.

**10.5 Incompatible materials**

Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

**10.6 Hazardous decomposition products**

None if stored, handled and transported properly. In case of fire: see section 5.

**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	Kieselguhr, soda ash flux-calcined	68855-54-9	272-489-0
LD50	>	2000	mg/kg bodyweight
Species	rat		
Method	OECD 420		
Source	ECHA		
2	1,2-benzisothiazol-3(2H)-one	2634-33-5	220-120-9
ATE		450	mg/kg bodyweight
Source	1272/2008/EC, Annex VI		
3	bronopol	52-51-7	200-143-0
LD50		305	mg/kg bodyweight
Species	rat		
Source	ECHA		
4	pyrithione zinc	13463-41-7	236-671-3
ATE		221	mg/kg bodyweight
Species	rat		
Source	1272/2008/EC, Annex VI		

Trade name: einzA Garant

Product no.: 0030247

Current version: 1.0.1, Revision: 01.04.2026

Replaced version: 1.0.0, Revision: 28.01.2026

Region:  
GER

5	terbutryn	886-50-0	212-950-5
LD50		appr. 500	mg/kg bodyweight
Species		rat	
Evaluation/classification		Based on available data, the classification criteria are met.	
6	2-octyl-2H-isothiazol-3-one	26530-20-1	247-761-7
ATE		125	mg/kg bodyweight
Species		rat	
Source		1272/2008/EC, Annex VI	

Acute dermal toxicity			
No	Substance name	CAS no.	EC no.
1	terbutryn	886-50-0	212-950-5
LD50		> 2000	mg/kg bodyweight
Species		rat	
Evaluation/classification		Based on available data, the classification criteria are not met.	
2	2-octyl-2H-isothiazol-3-one	26530-20-1	247-761-7
ATE		311	mg/kg bodyweight
Species		rabbit	
Source		1272/2008/EC, Annex VI	

Acute inhalational toxicity			
No	Substance name	CAS no.	EC no.
1	Kieselguhr, soda ash flux-calcined	68855-54-9	272-489-0
LC50		> 2,6	mg/l
Duration of exposure		4	h
State of aggregation		Dust	
Species		rat	
Method		OECD 403	
Source		ECHA	
2	1,2-benzisothiazol-3(2H)-one	2634-33-5	220-120-9
ATE		0,21	mg/l
State of aggregation		Dust/mist	
Source		1272/2008/EC, Annex VI	
3	bronopol	52-51-7	200-143-0
LC50		>= 0,588	mg/l
Duration of exposure		4	h
State of aggregation		Dust/mist	
Species		rat	
Source		ECHA	
4	pyrithione zinc	13463-41-7	236-671-3
ATE		0,14	mg/l
State of aggregation		Dust/mist	
Species		rat	
Source		1272/2008/EC, Annex VI	
5	terbutryn	886-50-0	212-950-5
LC50		> 5,21	mg/l
Duration of exposure		4	h
State of aggregation		Dust/mist	
Species		rat	
Evaluation/classification		Based on available data, the classification criteria are not met.	
6	2-octyl-2H-isothiazol-3-one	26530-20-1	247-761-7
ATE		0,27	mg/l
Duration of exposure		4	h
State of aggregation		Dust/mist	
Species		rat	
Source		1272/2008/EC, Annex VI	

Skin corrosion/irritation			
No	Substance name	CAS no.	EC no.
1	Kieselguhr, soda ash flux-calcined	68855-54-9	272-489-0
Method		OECD 431	
Source		ECHA	

Trade name: einzA Garant

Product no.: 0030247

Current version: 1.0.1, Revision: 01.04.2026

Replaced version: 1.0.0, Revision: 28.01.2026

Region:  
GER

Evaluation	non-irritant		
<b>2</b>	<b>bronopol</b>	<b>52-51-7</b>	<b>200-143-0</b>
Duration of exposure		4	h
Species	rabbit		
Method	OECD 404		
Source	ECHA		
Evaluation	irritant		

Serious eye damage/irritation			
No	Substance name	CAS no.	EC no.
1	Kieselguhr, soda ash flux-calcined	68855-54-9	272-489-0
Source	ECHA		
Evaluation	non-irritant		

Respiratory or skin sensitisation			
No	Substance name	CAS no.	EC no.
1	Kieselguhr, soda ash flux-calcined	68855-54-9	272-489-0
Route of exposure	Skin		
Species	mouse		
Method	OECD 429		
Source	ECHA		
Evaluation	non-sensitizing		

Germ cell mutagenicity			
No data available			

Reproduction toxicity			
No data available			

Carcinogenicity			
No data available			

STOT - single exposure			
No data available			

STOT - repeated exposure			
No data available			

Aspiration hazard			
No data available			

Delayed and immediate effects as well as chronic effects from short and long-term exposure			
The liquid splashed in the eyes may cause irritation and reversible damage. This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.			

## 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	Kieselguhr, soda ash flux-calcined	68855-54-9	272-489-0
LC50		> 100	mg/l
Duration of exposure		96	h
Species	Oncorhynchus mykiss		
Method	OECD 203		
Source	ECHA		

Trade name: einzA Garant

Product no.: 0030247

Current version: 1.0.1, Revision: 01.04.2026

Replaced version: 1.0.0, Revision: 28.01.2026

Region:  
GER

Evaluation/classification	The tested concentration is above the limit of solubility. Based on available data, the classification criteria are not met.		
<b>2</b>	<b>bronopol</b>	<b>52-51-7</b>	<b>200-143-0</b>
LC50		35,7	mg/l
Duration of exposure		96	h
Species	Lepomis macrochirus		
Method	EPA OPP 72-1		
Source	ECHA		
<b>3</b>	<b>terbutryn</b>	<b>886-50-0</b>	<b>212-950-5</b>
LC50		1,8	mg/l
Duration of exposure		96	h
Species	fish		

Toxicity to fish (chronic)			
No	Substance name	CAS no.	EC no.
<b>1</b>	<b>bronopol</b>	<b>52-51-7</b>	<b>200-143-0</b>
NOEC		21,5	mg/l
Duration of exposure		49	day(s)
Species	Oncorhynchus mykiss		
Method	OECD 210		
Source	ECHA		

Toxicity to Daphnia (acute)			
No	Substance name	CAS no.	EC no.
<b>1</b>	<b>Kieselguhr, soda ash flux-calcined</b>	<b>68855-54-9</b>	<b>272-489-0</b>
EC50		>	100
Duration of exposure			48
Species	Daphnia magna		
Method	OECD 202		
Source	ECHA		
Evaluation/classification	The tested concentration is above the limit of solubility. Based on available data, the classification criteria are not met.		
<b>2</b>	<b>bronopol</b>	<b>52-51-7</b>	<b>200-143-0</b>
EC50		1,4	mg/l
Duration of exposure		48	h
Species	Daphnia magna		
Method	OECD 202		
Source	ECHA		
<b>3</b>	<b>terbutryn</b>	<b>886-50-0</b>	<b>212-950-5</b>
EC50		7,1	mg/l
Duration of exposure		48	h
Species	Daphnia		

Toxicity to Daphnia (chronic)			
No	Substance name	CAS no.	EC no.
<b>1</b>	<b>bronopol</b>	<b>52-51-7</b>	<b>200-143-0</b>
NOEC		0,27	mg/l
Duration of exposure		21	day(s)
Species	Daphnia magna		
Method	OECD 211		
Source	ECHA		

Toxicity to algae (acute)			
No	Substance name	CAS no.	EC no.
<b>1</b>	<b>Kieselguhr, soda ash flux-calcined</b>	<b>68855-54-9</b>	<b>272-489-0</b>
EC50		>	100
Duration of exposure			72
Species	Desmodesmus subspicatus		
Method	OECD 201		
Source	ECHA		
Evaluation/classification	The tested concentration is above the limit of solubility. Based on available data, the classification criteria are not met.		

Trade name: einzA Garant

Product no.: 0030247

Current version: 1.0.1, Revision: 01.04.2026

Replaced version: 1.0.0, Revision: 28.01.2026

Region:  
GER

2	terbutryn	886-50-0	212-950-5
EC50		0,0055	mg/l
Duration of exposure		72	h
Species	Scenedesmus capricornutum		
Evaluation/classification	Based on available data, the classification criteria are met.		

Toxicity to algae (chronic)	
No data available	

Bacteria toxicity	
No data available	

## 12.2 Persistence and degradability

Biodegradability			
No	Substance name	CAS no.	EC no.
1	terbutryn	886-50-0	212-950-5
Evaluation		not readily biodegradable	

## 12.3 Bioaccumulative potential

Bioconcentration factor (BCF)			
No	Substance name	CAS no.	EC no.
1	terbutryn	886-50-0	212-950-5
BCF		103	

Partition coefficient n-octanol/water (log value)			
No	Substance name	CAS no.	EC no.
1	terbutryn	886-50-0	212-950-5
log Pow		3,74	

## 12.4 Mobility in soil

No data available.

## 12.5 Results of PBT and vPvB assessment

No data available.

## 12.6 Endocrine disrupting properties

No data available.

## 12.7 Other adverse effects

No data available.

## 12.8 Other information

Other information	
Do not allow to enter drains or water courses.	

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Product

Waste code 08 01 12 waste paint and varnish other than those mentioned in 08 01 11

The listed waste code numbers, according to the European Waste Catalogue, are to be understood as a recommendation. A final decision must be made in agreement with the regional waste disposal company.

Allow paint/varnish to dry out completely in a well-ventilated area and dispose of in residual waste once completely solidified. Dispose of liquid or non-drying residues separately.

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.

#### 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. Empty containers must be scrapped or reconditioned.

## SECTION 14: Transport information

Trade name: einzA Garant

Product no.: 0030247

Current version: 1.0.1, Revision: 01.04.2026

Replaced version: 1.0.0, Revision: 28.01.2026

Region:  
GER**14.1 UN number or ID number**

Not classified as dangerous in the meaning of transport regulations.

**14.2 UN proper shipping name**

Not classified as dangerous in the meaning of transport regulations.

**14.3 Transport hazard class(es)**

Not classified as dangerous in the meaning of transport regulations.

**14.4 Packing group**

Not classified as dangerous in the meaning of transport regulations.

**14.5 Environmental hazards**

Not classified as dangerous in the meaning of transport regulations.

**14.6 Special precautions for user**

Transport within the user's premises: Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**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 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	2-amino-2-methylpropanol	124-68-5	204-709-8	75
3	2-octyl-2H-isothiazol-3-one	26530-20-1	247-761-7	75
4	bronopol	52-51-7	200-143-0	75
5	Calcium carbonate	471-34-1	207-439-9	75
6	Distillates (petroleum), hydrotreated light naphthenic	64742-53-6	265-156-6	75
7	Limestone	1317-65-3	215-279-6	75
8	pyrithione zinc	13463-41-7	236-671-3	75
9	reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	55965-84-9	-	75
10	titanium dioxide	13463-67-7	236-675-5	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.

**Directive 2010/75/EU on industrial emissions (integrated pollution prevention and control)**

VOC content 0,13 %

Trade name: einzA Garant

Product no.: 0030247

Current version: 1.0.1, Revision: 01.04.2026

Replaced version: 1.0.0, Revision: 28.01.2026

Region:  
GER
**Directive 2004/42/CE on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products**

relevant VOC limit value as referred to in Annex II of Directive 2004/42/CE , Cat. : c, type: wb = 100 g/l  
Max. VOC content (limit value) of the product in its ready for use condition = < 100 g/l

**National regulations**
**Water Hazard Class (Germany)**

Class 2  
Source Classification according to AwSV (Regulation on facilities for handling substances that are hazardous to water).

**Other regulations**

GISCODE BSW50 Covering agents, water based, solvent-containing, protective film

**Other national regulations**

Adhere to national regulations for proper handling and use of hazardous materials. Use appropriate personal protective equipment. For example, TRGS (Technical Rules for Hazardous Substances) and the DGUV (German Social Accident Insurance) rules.

**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.

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

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.

**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.
H311	Toxic 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.
H335	May cause respiratory irritation.
H360D	May damage the unborn child.
H372	Causes damage to organs through prolonged or repeated exposure.
H373i	May cause damage to organs through prolonged or repeated exposure 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.

**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.

**Notes relating to the identification, classification and labelling of substances and mixtures ((EC) No 1272/2008, Annex VI)**

**Trade name:** einzA Garant

**Product no.:** 0030247

**Current version:** 1.0.1, Revision: 01.04.2026

**Replaced version:** 1.0.0, Revision: 28.01.2026

**Region:**  
GER

B Some substances (acids, bases, etc.) are placed on the market in aqueous solutions at various concentrations and, therefore, these solutions require different classification and labelling since the hazards vary at different concentrations. In Part 3 entries with Note B have a general designation of the following type: 'nitric acid ... %'. In this case the supplier must state the percentage concentration of the solution on the label. Unless otherwise stated, it is assumed that the percentage concentration is calculated on a weight/weight basis.

#### **Creation of the safety data sheet**

UMCO GmbH

Georg-Wilhelm-Str. 187, D-21107 Hamburg

Tel.: +49 40 / 555 546 300 Fax: +49 40 / 555 546 357 e-mail: [umco@umco.de](mailto:umco@umco.de)

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.

This document is an English translation of the legally compliant safety data sheet of the region Germany. This document, including UFI and emergency telephone number, may only be used for placing on the market in the region Germany.

Copyright-protected document. Any changes or reproductions require the express consent of UMCO GmbH.

Prod-ID 655192