

# Safety Data Sheet

## acc. to OSHA HCS

Printing date 04/13/2021

Reviewed on 04/13/2021

### 1 Identification

#### Product identifier

- . Trade name: **Dentatec**
- . Article number: 5360-0421
- . Application of the substance / the mixture: Grinding auxiliary product

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

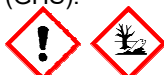


- . Manufacturer/Supplier: SIRONA Dental Systems GmbH  
Fabrikstraße 31  
D-64625 Bensheim  
Germany  
<http://www.dentsplysirona.com>  
T.: +49 (0) 6251/16-1670
- Hersteller/Manufacturer:  
Graichen Produktions- und Vertriebs-GmbH  
Darmstädter Str. 127  
D-64625 Bensheim  
Tel.: +49(0)6251 / 7707880  
Fax: +49(0)6251 / 77901  
e-mail: [ehs@graichen-bensheim.de](mailto:ehs@graichen-bensheim.de)  
<http://www.graichen.net>
- . Information department: Environment protection department
- . Emergency telephone number: Advice centre for poisoning university Mainz phone +49(0)6131/19240  
or poison information:+49(0)700/GIFTINFO

### 2 Hazard(s) identification

#### Classification of the substance or mixture

- Skin Irrit. 2 H315 Causes skin irritation.
- Eye Irrit. 2A H319 Causes serious eye irritation.
- Skin Sens. 1 H317 May cause an allergic skin reaction.
- Aquatic Acute 2 H401 Toxic to aquatic life.
- Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.

#### Label elements

- . GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS).
- . Hazard pictograms   
GHS07 GHS09
- . Signal word Warning
- . Hazard-determining components of labeling: mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2Hisothiazol-3-one [EC no. 220-239-6] (3:1)
- . Hazard statements Causes skin irritation.  
Causes serious eye irritation.  
May cause an allergic skin reaction.  
Toxic to aquatic life.  
Toxic to aquatic life with long lasting effects.
- . Precautionary statements Avoid breathing dust/fume/gas/mist/vapors/spray  
Wash thoroughly after handling.  
Contaminated work clothing must not be allowed out of the workplace.  
Avoid release to the environment.  
Wear protective gloves / eye protection / face protection.  
If on skin: Wash with plenty of water.  
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Take off contaminated clothing and wash it before reuse.  
If skin irritation or rash occurs: Get medical advice/attention.  
Specific treatment (see on this label).  
If eye irritation persists: Get medical advice/attention.  
Wash contaminated clothing before reuse.  
Collect spillage.  
Dispose of contents/container in accordance with local/regional/national/international regulations.
- . Information pertaining to particular dangers for man and environment:
- . NFPA ratings (scale 0 - 4)  Health = 2  
Fire = 1  
Reactivity = 0
- . HMIS-ratings (scale 0 - 4)  Health = 2  
Fire = 1  
Reactivity = 0

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**Trade name: Dentatec**

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**Other hazards**

- . Results of PBT and vPvB assessment
- . PBT: Not applicable.
- . vPvB: Not applicable.

**3 Composition/information on ingredients****Chemical characterization: Mixtures**

## . Dangerous components:

CAS: 52-51-7	bronopol (INN) ⚠ Eye Dam. 1, H318; ⚠ Aquatic Acute 1, H400 (M=10); ⚠ Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Irrit. 2, H315; STOT SE 3, H335	< 2.5%
CAS: 55965-84-9	mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2Hisothiazol-3-one [EC no. 220-239-6] (3:1) ⚠ Acute Tox. 3, H301; Acute Tox. 2, H310; Acute Tox. 2, H330; ⚠ Skin Corr. 1C, H314; Eye Dam. 1, H318; ⚠ Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100); ⚠ Skin Sens. 1A, H317	< 2.5%

. Additional information: For the wording of the listed hazard phrases refer to section 16.

**4 First-aid measures****Description of first aid measures**

- . General information: Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.  
Position and transport stably on side.
- . After inhalation: Supply fresh air; consult doctor in case of complaints.
- . After skin contact: If skin irritation continues, consult a doctor.  
Immediately wash with water and soap and rinse thoroughly.
- . After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- . After swallowing: Rinse out mouth and then drink plenty of water.
- . Information for doctor:
- . Most important symptoms and effects, both acute and delayed: No further relevant information available.
- . Indication of any immediate medical attention and special treatment needed: No further relevant information available.

**5 Fire-fighting measures****Extinguishing media**

- . Suitable extinguishing agents: CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.  
Use fire fighting measures that suit the environment.

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

Formation of toxic gases is possible during heating or in case of fire.  
Sulphur dioxide (SO<sub>2</sub>)  
Hydrogen chloride (HCl)  
Nitrogen oxides (NO<sub>x</sub>)  
Carbon monoxide (CO)

**Advice for firefighters**

- . Protective equipment: Wear self-contained respiratory protective device.

**6 Accidental release measures****Personal precautions, protective equipment and emergency procedures**

- . Environmental precautions: Use respiratory protective device against the effects of fumes/dust/aerosol.  
Do not allow to enter sewers/ surface or ground water.  
Do not allow product to reach sewage system or any water course.  
Inform respective authorities in case of seepage into water course or sewage system.  
Dilute with plenty of water.
- . Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Ensure adequate ventilation.
- . Reference to other sections: See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

**Protective Action Criteria for Chemicals**

. PAC-1:		
CAS: 56-81-5	glycerol	45 mg/m <sup>3</sup>
CAS: 10377-60-3	magnesium nitrate	30 mg/m <sup>3</sup>
. PAC-2:		
CAS: 56-81-5	glycerol	180 mg/m <sup>3</sup>

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CAS: 10377-60-3	magnesium nitrate	(Contd. of page 2) 330 mg/m <sup>3</sup>
. PAC-3:		
CAS: 56-81-5	glycerol	1,100 mg/m <sup>3</sup>
CAS: 10377-60-3	magnesium nitrate	2,000 mg/m <sup>3</sup>

## 7 Handling and storage

### . Handling:

- . Precautions for safe handling: No special precautions are necessary if used correctly.
- . Information about protection against explosions and fires: No special measures required.

### . Conditions for safe storage, including any incompatibilities

- . Requirements to be met by storerooms and receptacles: Store only in the original receptacle.
- . Information about storage in one common storage facility: Store away from foodstuffs.
- . Further information about storage conditions: Store receptacle in a well ventilated area.
- . Specific end use(s): No further relevant information available.

## 8 Exposure controls/personal protection

### . Additional information about design of technical systems:

No further data; see item 7.

### . Control parameters

- . Components with limit values that require monitoring at the workplace:

The following constituent is the only constituent of the product which has a PEL, TLV or other recommended exposure limit.  
At this time, the other constituents have no known exposure limits.

#### CAS: 56-81-5 glycerol (50 – 100%)

PEL	Long-term value: 15* 5** mg/m <sup>3</sup> mist; *total dust **respirable fraction
TLV	TLV withdrawn-insufficient data human occup. exp.

- . Additional Occupational Exposure Limit Values for possible hazards during processing:

Country	Components	Categorie	mg/m <sup>3</sup>
Germany	2-methyl-4-isothiazolin-3-on	MAK	0,05
	5-chloro-2-methyl-4-isothiazolin-3-on	MAK	0,05

- . Additional information:

The lists that were valid during the creation were used as basis.

### . Exposure controls

- . Personal protective equipment:
- . General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.  
Immediately remove all soiled and contaminated clothing.  
Wash hands before breaks and at the end of work.  
Avoid contact with the eyes and skin.

- . Breathing equipment:
- . Protection of hands:

Not required.  
Protective gloves  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

- . Material of gloves

Nitrile rubber, NBR  
Recommended thickness of the material:  $\geq 0.7$  mm  
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- . Penetration time of glove material

Value for the permeation: Level  $\leq 0,7$  mm 480min (8h) EN374  
The determined penetration times according to EN 16523-1:2015 are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.  
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- . Not suitable are gloves made of the following materials:

Natural rubber, NR  
PVA gloves

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Trade name: Dentatec

. Eye protection: Tightly sealed goggles

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### 9 Physical and chemical properties

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

##### . General Information

##### . Appearance:

Form:	Fluid
Color:	Colorless
. Odor:	Characteristic
. Odor threshold:	Not determined.

. pH-value at 20 °C (68 °F):	> 2 – ≤ 2.8
. pH-value 10%:	< 4.5

. Change in condition	
Boiling point/Boiling range:	100 °C (212 °F)

. Flash point:	> 100 °C (> 212 °F)
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. Flammability (solid, gaseous):	Not applicable.
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. Ignition temperature:	400 °C (752 °F)
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. Decomposition temperature:	Not determined.
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. Auto igniting:	Product is not selfigniting.
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. Danger of explosion:	Not determined.
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. Explosion limits:	
Lower:	0.9 Vol %
Upper:	Not determined.

. Vapor pressure at 20 °C (68 °F):	< 0.1 hPa
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. Density at 20 °C (68 °F):	1.2135 – 1.2165 g/cm <sup>3</sup> (10.1267 – 10.1517 lbs/gal)
. Relative density:	Not determined.
. Vapor density:	Not determined.
. Evaporation rate:	Not determined.

. Solubility in / Miscibility with	
Water:	Fully miscible.

. Partition coefficient (n-octanol/water):	Not determined.
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. Viscosity:	
Dynamic:	Not determined.

. Solvent content:	
Organic solvents:	81.3 %
Water:	18.2 %
VOC content:	0.00 %
VOC (EU) (%):	0.0 %

Solids content:	0.6 %
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. Other information	No further relevant information available.
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### 10 Stability and reactivity

. Reactivity	No further relevant information available.
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#### . Chemical stability

. Thermal decomposition / conditions to be avoided:	No decomposition if used according to specifications.
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#### . Possibility of hazardous reactions

	Forms explosive gas mixture with air.
	Reacts with strong oxidizing agents.
. Conditions to avoid	No further relevant information available.
. Incompatible materials:	No further relevant information available.

#### . Hazardous decomposition products:

Hydrogen chloride (HCl)  
Nitrogen oxides  
Sulfur dioxide

### 11 Toxicological information

#### . Information on toxicological effects

##### . Acute toxicity:

. LD/LC50 values that are relevant for classification:	
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#### CAS: 56-81-5 glycerol

Oral	LD50	12,600 mg/kg (rat)
Dermal	LD50	> 10,000 mg/kg (rabbit)

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**CAS: 52-51-7 bronopol (INN)**

Oral	LD50	307 mg/kg (rat)
Dermal	LD50	> 2,000 mg/kg (rat)
Inhalative	LC50/4h	800 mg/l (rat)

**CAS: 55965-84-9 mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2Hisothiazol-3-one [EC no. 220-239-6] (3:1)**

Oral	LD50	550 mg/kg (rat)
Dermal	LD50	200 – 1,000 mg/kg (rat)
		660 mg/kg (rabbit)
Inhalative	LC50/4h	0.31 mg/l (rat)

. Primary irritant effect:

. on the skin:

Irritant to skin and mucous membranes.

**CAS: 52-51-7 bronopol (INN)**

Ätz-/Reizwirkung auf die Haut (rab)

**CAS: 55965-84-9 mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2Hisothiazol-3-one [EC no. 220-239-6] (3:1)**

Ätz-/Reizwirkung auf die Haut (rab)

. on the eye:

**CAS: 52-51-7 bronopol (INN)**

Irritation of eyes | Augenreiz- und -ätzwirkung | (rab)

. Sensitization:

Sensitization possible through skin contact.

**CAS: 52-51-7 bronopol (INN)**

Sensitization | Sensibilisierung | (Guinea Pigs)

**CAS: 55965-84-9 mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2Hisothiazol-3-one [EC no. 220-239-6] (3:1)**

Sensitization | Sensibilisierung | (Guinea Pigs)

. Additional toxicological information: The product shows the following dangers according to internally approved calculation methods for preparations:

Irritant

**CAS: 55965-84-9 mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2Hisothiazol-3-one [EC no. 220-239-6] (3:1)**

Oral	NOAEL (subchronisch, 90d)	< 5 mg/kg (rat)
Dermal	NOAEL (subchronisch, 28d)	< 3 mg/kg (rat)

. Carcinogenic categories

. IARC (International Agency for Research on Cancer)

None of the ingredients is listed.

. NTP (National Toxicology Program)

None of the ingredients is listed.

. OSHA-Ca (Occupational Safety &amp; Health Administration)

None of the ingredients is listed.

. Specific target organ toxicity - single exposure

**CAS: 52-51-7 bronopol (INN)**

STOT SE cat. 3, Atemwegsreizung | ( )

**12 Ecological information**

. Toxicity

. Aquatic toxicity:

**CAS: 56-81-5 glycerol**

LC50 (24h)	> 5,000 mg/l (Carassius auratus)
IC50 (16h)	> 10,000 mg/l (scenedesmus quadricauda)

**CAS: 52-51-7 bronopol (INN)**

EC50 (48h)	1.08 mg/l (daphnia magna/gr. Wasserfloh)
EC50 (72h)	0.4 – 2.8 mg/l (Algae)
LC50 (96h)	41.2 mg/l (Oncorhynchus mykiss)
NOEC (21d)	0.03 mg/l /chron. (Desmodesmus subspicatus/Grünalge)
	0.06 mg/l /akut (daphnia magna/gr. Wasserfloh)

**CAS: 55965-84-9 mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2Hisothiazol-3-one [EC no. 220-239-6] (3:1)**

LC50 acute (96h)	0.58 mg/l (danio rerio/ Zebrabärbling)
EC50 (48h)	0.16 mg/l (daphnia magna/gr. Wasserfloh)
EC50 (72h)	0.018 mg/l (Desmodesmus subspicatus/Grünalge)
	0.379 mg/l (Pseudokirchnerella subcapitata - Algen)
EC50 (96h)	0.47 mg/l (Pseudokirchnerella subcapitata - Algen)

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EC50 (16h)	5.7 mg/l (Pseudomonas putida)
LC50 (96h)	0.19 mg/l (Oncorhynchus mykiss)
EC50 acute (21d)	> 1 mg/l (daphnia magna/gr. Wasserfloh)
EC50 acute (48h)	1.02 mg/l (daphnia magna/gr. Wasserfloh)
EC50 chron. (3h)	31.7 mg/l (Mikroorganismus)
LOEL chron. (34d)	1.6 mg/l (danio rerio/ Zebrabärbling)
NOEC chron. (34d)	0.5 mg/l (danio rerio/ Zebrabärbling)
NOEC (96h)	0.032 mg/l (Pseudokirchnerella subcapitata - Algen)

**. Persistence and degradability****CAS: 56-81-5 glycerol**

CSB (chem. Sauerstoffbedarf)	95 mg/l (---)
theor. O2 consumption (theor. Sauerstoffverbrauch)	1.217 g/g (---)
Biodegradability 14d	63 % (---) (Ready Biodegradability)

**CAS: 52-51-7 bronopol (INN)**

Biodegradability 28d	51 – 57 % (Biodegradability - CO2 Evolution Test)
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**CAS: 55965-84-9 mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2Hisothiazol-3-one [EC no. 220-239-6] (3:1)**

Biodegradability	< 50 % /10 Tage
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**. Behavior in environmental systems:****. Bioaccumulative potential****CAS: 56-81-5 glycerol**

Log Pow | ≤ 4 (---)

**CAS: 52-51-7 bronopol (INN)**

Log Pow | 0.17 (---)

. Mobility in soil No further relevant information available.

**. Additional ecological information:**

. General notes: Water hazard class 3 (Self-assessment): extremely hazardous for water  
Do not allow product to reach ground water, water course or sewage system, even in small quantities.  
Danger to drinking water if even extremely small quantities leak into the ground.  
Danger to drinking water if even small quantities leak into the ground.

**. Results of PBT and vPvB assessment**

. PBT: Not applicable.

. vPvB: Not applicable.

. Other adverse effects No further relevant information available.

**13 Disposal considerations****. Waste treatment methods**

. Recommendation: Must be specially treated adhering to official regulations.

**. Uncleaned packagings:**

. Recommendation: Dispose of packaging according to regulations on the disposal of packagings.

. Recommended cleansing agent: Water, if necessary with cleansing agents.

**14 Transport information****. UN-Number**

. DOT, ADR, IMDG, IATA UN3082

**. UN proper shipping name**

. DOT Environmentally hazardous substance, liquid, n.o.s. (mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2Hisothiazol-3-one [EC no. 220-239-6] (3:1), 2-Bromo-2-nitropropane-1,3-diol)

. ADR 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2Hisothiazol-3-one [EC no. 220-239-6] (3:1), 2-BROMO-2-NITROPROPANE-1,3-DIOL)

. IMDG ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2Hisothiazol-3-one [EC no. 220-239-6] (3:1), 2-BROMO-2-NITROPROPANE-1,3-DIOL), MARINE POLLUTANT

. IATA ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2Hisothiazol-3-one [EC no. 220-239-6] (3:1), 2-BROMO-2-NITROPROPANE-1,3-DIOL)

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<b>. Transport hazard class(es)</b>	
. DOT, IMDG, IATA	
	
. Class	9 Miscellaneous dangerous substances and articles
. Label	9
<hr/>	
<b>. ADR</b>	
	
. Class	9 (M6) Miscellaneous dangerous substances and articles
. Label	9
<hr/>	
<b>. Packing group</b>	
. DOT, ADR, IMDG, IATA	III
<b>. Environmental hazards:</b>	
. Marine pollutant:	Product contains environmentally hazardous substances: mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2-Hisothiazol-3-one [EC no. 220-239-6] (3:1) No Yes (DOT) Symbol (fish and tree)
. Special marking (ADR):	Symbol (fish and tree)
. Special marking (IATA):	Symbol (fish and tree)
<hr/>	
<b>. Special precautions for user</b>	
. Hazard identification number (Kemler code):	Warning: Miscellaneous dangerous substances and articles 90
. EMS Number:	F-A,S-F
. Stowage Category	A
<hr/>	
<b>. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b>	
	Not applicable.
<hr/>	
<b>. Transport/Additional information:</b>	
. DOT	Not dangerous according to the above specifications.
. Remarks:	Special marking with the symbol (fish and tree).
<hr/>	
<b>. ADR</b>	
. Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
<hr/>	
<b>. IMDG</b>	
. Limited quantities (LQ)	5L
. Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
<hr/>	
<b>. UN "Model Regulation":</b>	
	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (MIXTURE OF: 5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE [EC NO. 247-500-7] AND 2-METHYL-2-HISOTHIAZOL-3-ONE [EC NO. 220-239-6] (3:1), 2-BROMO-2-NITROPROPANE-1,3-DIOL), 9, III

## 15 Regulatory information

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

No further relevant information available.

. Sara

. Section 355 (extremely hazardous substances):

None of the ingredients is listed.

. Section 313 (Specific toxic chemical listings):

CAS: 52-51-7 | bronopol (INN)

. TSCA (Toxic Substances Control Act):

CAS: 56-81-5	glycerol	ACTIVE
CAS: 7732-18-5	Wasser (water, Aqua)	ACTIVE
CAS: 52-51-7	bronopol (INN)	ACTIVE
CAS: 10377-60-3	magnesium nitrate	ACTIVE

. Hazardous Air Pollutants

None of the ingredients is listed.

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. Proposition 65	
. Chemicals known to cause cancer:	
None of the ingredients is listed.	
. Chemicals known to cause reproductive toxicity for females:	
None of the ingredients is listed.	
. Chemicals known to cause reproductive toxicity for males:	
None of the ingredients is listed.	
. Chemicals known to cause developmental toxicity:	
None of the ingredients is listed.	
. Carcinogenic categories	
. EPA (Environmental Protection Agency)	
None of the ingredients is listed.	
. TLV (Threshold Limit Value)	
None of the ingredients is listed.	
. MAK (German Maximum Workplace Concentration)	
None of the ingredients is listed.	
. NIOSH-Ca (National Institute for Occupational Safety and Health)	
None of the ingredients is listed.	
. GHS label elements	The product is classified and labeled according to the Globally Harmonized System (GHS).
. Hazard pictograms	 GHS07 GHS09
. Signal word	Warning
. Hazard-determining components of labeling:	mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2HIsouthiazol-3-one [EC no. 220-239-6] (3:1)
. Hazard statements	Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction. Toxic to aquatic life. Toxic to aquatic life with long lasting effects.
. Precautionary statements	Avoid breathing dust/fume/gas/mist/vapors/spray Wash thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves / eye protection / face protection. If on skin: Wash with plenty of water. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Take off contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see on this label). If eye irritation persists: Get medical advice/attention. Wash contaminated clothing before reuse. Collect spillage. Dispose of contents/container in accordance with local/regional/national/international regulations.
. <b>Chemical safety assessment:</b>	A Chemical Safety Assessment has not been carried out.

### 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

. <b>Department issuing SDS:</b>	Environment protection department.
. <b>Contact:</b>	
. Date of preparation / last revision	04/13/2021 / 2103
. Abbreviations and acronyms:	ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods DOT: US Department of Transportation IATA: International Air Transport Association EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) NFPA: National Fire Protection Association (USA) HMIS: Hazardous Materials Identification System (USA) VOC: Volatile Organic Compounds (USA, EU) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative NIOSH: National Institute for Occupational Safety OSHA: Occupational Safety & Health

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**Safety Data Sheet**  
acc. to OSHA HCS

Printing date 04/13/2021

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**Trade name: Dentatec**

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TLV: Threshold Limit Value  
PEL: Permissible Exposure Limit  
REL: Recommended Exposure Limit  
Acute Tox. 3: Acute toxicity – Category 3  
Acute Tox. 4: Acute toxicity – Category 4  
Acute Tox. 2: Acute toxicity – Category 2  
Skin Corr. 1C: Skin corrosion/irritation – Category 1C  
Skin Irrit. 2: Skin corrosion/irritation – Category 2  
Eye Dam. 1: Serious eye damage/eye irritation – Category 1  
Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A  
Skin Sens. 1: Skin sensitisation – Category 1  
Skin Sens. 1A: Skin sensitisation – Category 1A  
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3  
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1  
Aquatic Acute 2: Hazardous to the aquatic environment - acute aquatic hazard – Category 2  
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1  
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

\* Data compared to the previous  
version altered.

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