

EC Safety Data Sheet

according to 1907/2006/EC, art. 31

Name of the product: **Bevisto W1**Revision date: **06.11.2019**

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SECTION 1: Identification of the substance/ preparation and of the company/ undertaking**1.1 Product identifier**Trade name: **Bevisto W1****1.2 Relevant identified uses of the substance or mixture and uses advised against**

Not suitable for body hygiene or cleaning in the food sector.

Application of the substance or mixture: Cleaning agent for medical products**Intended determination:**

Liquid concentrate for daily cleaning and care of dentistry Suction and separation systems.

1.3 Details of the supplier of the safety data sheet**Manufacturer/ Supplier:**

BEVISTON GmbH
D-27639 Nordholz (Wurster Nordseeküste)
Scharnstedter Weg 34 - 36
Tel.: +49 4741-18 19 830
Fax: +49 4741-18 19 831
E-mail: info@beviston.com
Internet: www.beviston.com

Further information obtainable from: Department for product safety**1.4 Emergency telephone number:**

- | | |
|--|---------------------------|
| 1) Emergency phone: | Tel.: +49 4741-18 19 830 |
| within business hours from 8:00 to 17:00 h | E-mail: info@beviston.com |
| 2) 24 hours emergency phone of GIZ Nord | Tel.: +49 551-19 24 0 |

SECTION 2: Hazards identification**2.1 Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008**

Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2 H319 Causes serious eye irritation.

2.2 Label elements**Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.

Hazard pictograms:**Signal word:**

Attention

Hazard statements:

H315 Causes skin irritation.

H319 Causes serious eye irritation.

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Precautionary statements:

P280 Wear protective gloves/ eye protection/ face protection.
 P302+P352 IF ON SKIN: Wash with plenty of soap and water.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337+P313 If eye irritation persists: Get medical advice/attention.

2.3 Other hazards

Results of PBT and vPvB assessment

The substances in the mixture do not fulfill the PBT/PPvB-criteria according to REACH, Annex XIII.

SECTION 3: Composition/ information on ingredients

3.2 Chemical characterization Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Dangerous components:

EINECS: 226-218-8 Index no.: 016-026-00-0 CAS: 5329-14-6	Sulfamidic acid (cf. amidosulfonic acid; sulfamic acid) ⚠ Eye Irrit. 2, H319; ⚠ Skin Irrit. 2, H315; Aquatic Chronic 3, H412	5 – 15%
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Additional information:

For the wording of the listed risk phrases refer to section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

After inhalation:

Supply fresh air. In case of irritation of respiratory system, consult a doctor.

After skin contact:

Immediately wash with plenty of water and soap.

After eye contact:

Rinse opened eyes under running water for 10 – 15 minutes. If the symptoms persist, consult a doctor.

After swallowing: Immediately rinse mouth and drink plenty of water. Do NOT induce vomiting. Call for a doctor immediately.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

Symptomatic treatment.

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SECTION 5: Firefighting measures**5.1 Extinguishing media****Suitable extinguishing agents:**

Use fire extinguishing methods suitable to surrounding conditions. The product itself is not flammable.

5.2 Special hazards arising from the substance or mixture

Can be released in case of fire: Gases/ vapours, harmful. Gases/ vapours, irritating.

5.3 Advice for firefighters

Protective equipment: Use self-contained breathing apparatus.

SECTION 6: Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

Avoid contact with the eyes and skin.

6.2 Environmental precautions

Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

6.4 References 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.

SECTION 7: Handling and storage**7.1 Precautions for safe handling**

Avoid contact with the eyes and skin.

Information about fire and explosion protection:

No special measures required.

7.2 Conditions for safe storage, including any incompatibilities**Storage:****Requirements to be met by storerooms and receptacles:**

Keep only in original container.

Keep away from foodstuffs and beverages.

Information about storage in one common storage facility:

Keep container tightly closed.

Further information about storage conditions: No further relevant information available.

7.3 Specific end use(s)

No further relevant information available.

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SECTION 8: Exposure controls/ personal protection

Additional information about design of technical facilities: No further data, see item 7.

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls

Personal protective equipment:

General protective and hygienic measures:

Wash hands before breaks and at the end of work.

No eating, drinking, smoking or tobacco use at the place of work.

Respiratory protection:

When used and handled according to specifications under normal conditions respiratory protection is not necessary.

Protection of hands:



Protective gloves

Eye protection:



Tightly sealed goggles

Body protection: Not necessary.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form:	fluid
Colour:	yellow-orange
Odour:	specific to product
Odour threshold:	not applicable

pH value at 20 °C: 0,65

Change in condition

Melting point/ melting range:	not applicable
Boiling point/ boiling range:	not applicable

Flash point: not applicable

Flammability (solid, gaseous): not applicable

Ignition temperature: not applicable

Decomposition temperature ot determined

Self-igniting: product is not self-igniting

Danger of explosion: product does not present an explosion hazard

Explosion limits:

Lower:	not applicable
Upper:	not applicable

Vapour pressure at 20°C: not applicable

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Density at 20 °C:	1,046 g/ cm ³
Relative density:	not applicable
Vapour density:	not applicable
Evaporation rate	not applicable
Solubility in/ miscibility with water:	fully miscible
Partition coefficient (n-octanol/ water):	not applicable
Viscosity:	
Dynamic:	not applicable
Kinematic:	not applicable
Solvent content:	
Organic solvents:	not applicable
9.2 Other information	no further relevant information available

SECTION 10: Stability and reactivity

10.1 Reactivity

No hazardous reactions known when used according to instructions.

10.2 Chemical stability

Thermal decomposition/ conditions to be avoided:

No decomposition if used and handled according to specifications.

10.3 Possibility of hazardous reactions

No hazardous reactions known.

10.4 Conditions to avoid

Protect from frost.

10.5 Incompatible materials

No hazardous reactions known when used and handled according to instructions.

10.6 Hazardous decomposition products

No decomposition if used and handled according to specifications.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity:

LD/LC50 values relevant for classification:			CAS-Nr.
Sulfamidic acid (cf. amidosulfonic acid; sulfamic acid)			5329-14-6
Oral	LD50	3160 mg/kg (rat)	

Irritation and corrosivity:

Causes skin and eye irritation

Sensitizing effects

Due to the available data, the classification criteria are not fulfilled

Carcinogenic, mutagenic and reproductive effects

Due to the available data, the classification criteria are not fulfilled.

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Specific target organ toxicity for single exposure

Due to the available data, the classification criteria are not fulfilled.

Specific target organ toxicity on repeated exposure

Due to the available data, the classification criteria are not fulfilled.

Aspiration hazard

Due to the available data, the classification criteria are not fulfilled.
No data available.

Specific effects in animal experiments

No data available.

Other information on tests

No data available

Experiences from practice

Classification-relevant observations

No data available.

Other observations

No data available.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity: Acute fish toxicity.

LD/LC50 values relevant for classification:			CAS-Nr.
Sulfamidic acid (cf. amidosulfonic acid; sulfamic acid)			[h] [d]
Oral	LC50	70,3 mg/L (Pimephales promelas)	5329-14-6
			96 h

12.2 Persistence and degradability:

The surfactants contained in the mixture are according to the Detergent Regulation (no. 648/2004) and fully biodegradable under aerobic conditions. The product has no effect on the AOX value.

12.3 Bioaccumulative potential

No further relevant information available.

12.4 Mobility in soil

No further relevant information available.

Additional ecological information:

General notes:

Water hazard class 1 (German Regulation) (self-assessment): slightly hazardous for water.

12.5 Results of PBT and vPvB assessment

The mixture does not contain vPvB substances (vPvB = very persistent, very bioaccumulative) or does not fall under Annex XIII of Regulation (EC) 1907/2006. The mixture contains no PBT substances (PBT = persistent, bioaccumulative, toxic) or does not fall under Annex XIII of Regulation (EC) 1907/2006.

12.6 Other adverse effects

Not expectable.

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SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation:

Proper disposal/ product: Waste key numbers are assigned according to EAKV regulation depending on the sector and process type.

Uncleaned packaging:

Disposal of completely emptied packaging can be carried out.

SECTION 14: Transport information

<u>14.1 UN number</u> ADR, ADN, IMDG, IATA	void
<u>14.2 UN proper shipping name</u> ADR, ADN, IMDG, IATA	void
<u>14.3 Transport hazard class(es)</u> ADR, ADN, IMDG, IATA Class	void
<u>14.4 Packing group</u> ADR, ADN, IMDG, IATA	void
<u>14.5 Environmental hazards</u> Marine pollutant:	no
<u>14.6 Special precautions for user</u>	not applicable
<u>14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</u>	not applicable
UN "Model Regulation":	-

SECTION 15: Regulatory information

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

EU regulatory information

2010/75/EU (VOC) 0.229% (2.40 g/l)

2004/42/EC (VOC) 0.229% (2.40 g/l)

National regulatory information

Water contaminating class (D): 1 – slightly water contaminating

15.2 Chemical safety assessment

A Chemical Safety Assessment has not been carried out.

SECTION 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.

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Relevant phrases

H315 Causes skin irritation.
H319 Causes serious eye irritation.
H412 Harmful to aquatic life with long lasting effects.

Department issuing MSDS: Department for product safety**Contact person:** Department for product safety**Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail).

ICAO: International Civil Aviation Organization

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road).

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

GefStoffV: Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

Skin Irrit. 2: Serious skin damage/ skin irritation, Hazard Category 2.

Eye Irrit. 2: Serious eye damage/ eye irritation, Hazard Category 2

Aquatic Chronic 3: Hazardous to the aquatic environment – Chronic Hazard, Category 3