

**SECTION 1: Identification of the substance/ preparation and of the company/ undertaking**

**1.1 Product identifier**

**Trade name: Bevisto W1**

**Bevisto W1 is manufactured, bottled and packed by Bio Hygiene P/L in Australia under license of BEVISTON GmbH, Germany.**

**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**

**Australian Representative and Manufacturer:**

Bio Hygiene P/L  
Unit N4, 5 – 7 Hopher Road  
Campbelltown NSW 2560  
Australia  
Tel.: 1800 317 016  
E-mail: info@biohygiene.com.au

**Further information obtainable from:** Department for product safety

**1.4 Emergency telephone number:**

- |   |                                |
|---|--------------------------------|
| 1) Emergency phone:                           | Tel.: 1800 317 016             |
| within business hours from 8:00 to 17:00 h    | E-mail: info@biohygiene.com.au |
| 2) Australian Poisons Information Centre 24/7 | Tel.: 13 11 26                 |

**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.

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

**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.

**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:**

|                         |                     |
|-------------------------|---------------------|
| <b>Form:</b>            | fluid               |
| <b>Colour:</b>          | yellow-orange       |
| <b>Odour:</b>           | specific to product |
| <b>Odour threshold:</b> | not applicable      |

**pH value at 20 °C:** 0,65

**Change in condition**

|                                      |                |
|--------------------------------------|----------------|
| <b>Melting point/ melting range:</b> | not applicable |
| <b>Boiling point/ boiling range:</b> | not applicable |

**Flash point:** not applicable

**Flammability (solid, gaseous):** not applicable

**Ignition temperature:** not applicable

**Decomposition temperature** not determined

**Self-igniting:** product is not self-igniting

**Danger of explosion:** product does not present an explosion hazard

**Explosion limits:**

|               |                |
|---------------|----------------|
| <b>Lower:</b> | not applicable |
| <b>Upper:</b> | not applicable |

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|  |   |
|--|---|
| <b>Vapour pressure at 20°C:</b>                  | not applicable                            |
| <b>Density at 20 °C:</b>                         | 1,046 g/ cm <sup>3</sup>                  |
| <b>Relative density:</b>                         | not applicable                            |
| <b>Vapour density:</b>                           | not applicable                            |
| <b>Evaporation rate</b>                          | not applicable                            |
| <b>Solubility in/ miscibility with water:</b>    | fully miscible                            |
| <b>Partition coefficient (n-octanol/ water):</b> | not applicable                            |
| <b>Viscosity:</b>                                |   |
| <b>Dynamic:</b>                                  | not applicable                            |
| <b>Kinematic:</b>                                | not applicable                            |
| <b>Solvent content:</b>                          |   |
| <b>Organic solvents:</b>                         | not applicable                            |
| <b>9.2 Other information</b>                     | 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:**

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

**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.

**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**

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

**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