

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

1.1 Product identifier

Trade name: Bevisto W2

Bevisto W2 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

Use of the substance/ mixture

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

Uses advised against

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

1.3 Details of the supplier of the safety data sheet

Australian Representative and Manufacturer:

Bio Hygiene P/L
Unit N4, 5 – 7 Hephher 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

Regulation (EC) No 1272/2008

This mixture is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

2.2 Label elements

Regulation (EC) No 1272/2008

Precautionary statements:

- | | |
|----------------|----------------------------------------------------------------------------------------------------------------------------------|
| P233 | Keep container tightly closed. |
| P234 | Keep only in original packaging. |
| P235 | Keep cool. |
| P264 | Wash hands thoroughly after handling. |
| P280 | Wear protective gloves/ eye protection/ face protection. |
| 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. |

Special labelling of certain mixtures

Safety data sheet available on request.

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Additional advice on labelling

Due to its pH value (see section 9), irritation of the skin and eyes cannot be ruled out

2.3 Other hazards

No information available.

SECTION 3: Composition/ information on ingredients**3.2 Mixtures****Hazardous components**

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No 1272/2008 [CLP]			
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol			1 - < 5%
	200-661-7	603-117-00-0	01-2116457558-25	
	Flam. Liq. 2/ H225; Eye Irrit. 2/ H319; STOT SE 3/ H336			

Full text of H and EUH statements: see section 16.

SECTION 4: First aid measures**4.1 Description of first aid measures****After inhalation**

Provide fresh air.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap. Remove contaminated, saturated clothing immediately. In case of skin irritation, consult a physician.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. Consult an ophthalmologist.

After ingestion

Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. Call a physician immediately.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

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

Co-ordinate fire-fighting measures to the fire surroundings. The product itself does not burn.

5.2 Special hazards arising from the substance or mixture

In case of fire may be liberated:

Gases/ vapours, harmful.

Gases/ vapours, irritant.

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5.3 Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid contact with eyes and skin.

6.2 Environmental precautions

Do not allow to enter into surface water or drains.

6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material (e. g. sand, diatomaceous earth, acid or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

6.4 References to other sections

Safe handling: see section 7.

Personal protection equipment: see section 8.

Disposal: see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

Avoid contact with eyes and skin.

Advice on protection against fire and explosion

No special fire protection measures are necessary.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed. Keep/ Store only in original container.

Advice on storage compatibility

No special measures are necessary.

7.3 Specific end use(s)

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

SECTION 8: Exposure controls/ personal protection

8.1 Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/mg ³	fibres/ml	Category	Origin
67-63-0	Propan-2-ol	400	999		TWA (8 h)	WEL
		500	1250		STEL (15 min)	WEL

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DNEL/DMEL values

CAS No	Substance			
DNEL type	Exposure route	Effect	Value	
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol			
Consumer DNEL, long-term	oral	systemic	26 mg/kg bw/day	
Worker DNEL, long-term	dermal	systemic	888 mg/kg bw/day	
Consumer DNEL, long-term	dermal	systemic	319 mg/kg bw/day	
Worker DNEL, long-term	inhalation	systemic	500 mg/m ³	
Consumer DNEL, long-term	inhalation	systemic	89 mg/m ³	

PNEC values

CAS No	Substance		
Environmental compartment	Value		
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol		
Freshwater	140.9 mg/l		
Marine water	160 mg/l		
Marine water (intermittent releases)	140.9 mg/l		
Micro-organisms in sewage treatment plants (STP)	2251 mg/l		
Soil	28 mg/l		

8.2 Exposure controls

Protective and hygienic measures

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat, drink or smoke.

Eye/ face protection

Use safety google with side protection.

Hand protection

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Skin protection

Body protection: not required.

Respiratory protection:

If used properly, no respiratory protection is required.

SECTION 9: Physical and chemical properties

Physical state	liquid
Colour	blue
Odour	lemon
pH value (at 20 °C)	11.2

Changes in the physical state

Melting point	not determined
Initial boiling point and boiling range	not determined
Flash point	not determined

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Flammability

Solid	not applicable
Gas	not applicable

Explosive properties

not explosive according to EU A.14

Lower explosion limit	not determined
Upper explosion limit	not determined

Auto-ignition temperature

Solid	not applicable
Gas	not applicable
Decomposition temperature	not determined

Oxidizing properties

Not oxidising.

Vapour pressure	not determined
Density (at 20 °C)	1.010 g/cm ³
Water solubility	completely miscible

Solubility in other solvents

Not determined

Partition coefficient	not determined
Viscosity/ dynamic	not determined
Viscosity/ kinematic	not determined
Vapour density	not determined
Evaporation rate	not determined

9.2 Other information

Solid content	not determined
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SECTION 10: Stability and reactivity**10.1 Reactivity**

No hazardous reaction when handled and stored according to provisions.

10.2 Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3 Possibility of hazardous reactions

No known hazardous reactions.

10.4 Conditions to avoid

Frost.

10.5 Incompatible materials

No information available.

10.6 Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information**11.1 Information on toxicological effects****Additional information on tests**

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

SECTION 12: Ecological information**12.1 Toxicity**

The product is not: ecotoxic.

12.2 Persistence and degradability:

The product has not been tested.

12.3 Bioaccumulative potential

The product has not been tested.

Partition coefficient n-octanol/ water

CAS No	Chemical name	Log Pow
67-63-0	Propan-2-ol; isopropyl alcohol; isopropanol	< 1

12.4 Mobility in soil

The product has not been tested.

12.5 Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6 Other adverse effects

No information available.

Further information

Avoid release to the environment.

SECTION 13: Disposal considerations**13.1 Waste treatment methods****Advice on disposal**

Dispose of waste according to applicable legislation.

Contaminated packaging

Wash with plenty of water. Completely emptied packages can be recycled.

SECTION 14: Transport information**Land transport (ADR/ RID)****14.1 UN number**

No dangerous goods in sense of this transport regulation.

14.2 UN proper shipping name

No dangerous goods in sense of this transport regulation.

14.3 Transport hazard class(es)

No dangerous goods in sense of this transport regulation.

14.4 Packing group

No dangerous goods in sense of this transport regulation.

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Inland waterways transport (ADN)

<u>14.1 UN number</u>	No dangerous goods in sense of this transport regulation.
<u>14.2 UN proper shipping name</u>	No dangerous goods in sense of this transport regulation.
<u>14.3 Transport hazard class(es)</u>	No dangerous goods in sense of this transport regulation.
<u>14.4 Packing group</u>	No dangerous goods in sense of this transport regulation.

Marine transport (IMDG)

<u>14.1 UN number</u>	No dangerous goods in sense of this transport regulation.
<u>14.2 UN proper shipping name</u>	No dangerous goods in sense of this transport regulation.
<u>14.3 Transport hazard class(es)</u>	No dangerous goods in sense of this transport regulation.
<u>14.4 Packing group</u>	No dangerous goods in sense of this transport regulation.
Marine pollutant	No

Air transport (ICAO-TI/ IATA-DGR)

<u>14.1 UN number</u>	No dangerous goods in sense of this transport regulation.
<u>14.2 UN proper shipping name</u>	No dangerous goods in sense of this transport regulation.
<u>14.3 Transport hazard class(es)</u>	No dangerous goods in sense of this transport regulation.
<u>14.4 Packing group</u>	No dangerous goods in sense of this transport regulation.

14.5 Environmental hazards

ENVIRONMENTALLY HAZARDOUS No

14.6 Special precautions for user

No information available.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

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)	1.448% (14.62 g/l)
2004/42/EC (VOC)	1.898% (19.165 g/l)

National regulatory information

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

15.2 Chemical safety assessment

Chemical safety assessments for substances in this mixture were not 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

H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness
EUH210 Safety data sheet available on request.

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