

1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier:

Product Name: BIO URINAL BLOCK
WITH PLASTIC SCREEN

1.2. Relevant identified uses of the substance or mixture and uses advised against:

Used for deodorizing and cleaning purpose. Restrictions on use: Do NOT use it in an application which may contaminate food or do harm to human health.

1.3 Details of the supplier of the safety data sheet

- **NAME:** CHEMSOLVE PTY LTD.
- **ADDRESS:** 3 Warin Avenue Pemulwuy, NSW, 2145, Australia
- **TEL:** +61 435 313 535
- **EMAIL:** dhaval@chemsolve.com.au
- **POISON INFORMATION CONTACT** – 13 11 26

2. Hazards identification

2.1. Classification of the substance or mixture:

2.1.1 Classification according to Regulation (EC) No 1272/2008 (CLP):

Acute Tox. 4

Eye Irrit. 2

2.1.2 Additional information: For full text of Hazard- and EU Hazard-statements: see SECTION 16.

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP]: Hazard

Picograms:



Signal Word: Warning

Hazard Statements:

H302: Harmful if swallowed.

H317: May cause an allergic skin reaction

H319: Causes serious eye irritation.

Precautionary Statements:

P264: Wash hands thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P280: Wear eye protection/face protection.

Response Precautionary Statements:

P301 + P312: IF SWALLOWED: Call a POISON CENTER/ doctor, if you feel unwell.

P330: Rinse mouth.

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.

Storage precautionary statements: No special requirement.

Disposal precautionary statements:

P501: Dispose of contents/container to relevant local and national regulations (It is recommended to use incineration method to dispose of waste).

2.3 Other hazards: None ingredients ($\geq 0.1\%$) meets the criteria for PBT/vPvB in accordance with Annex XIII

3. Composition/information on ingredients

Product description: substance (s); preparation/mixture (v)

Name		CAS No.	EC No.	Index No	% by weight
Coconut oil		8001-31-8	232-282-8	Not available	50%
Surfactant		25322-68-3	500-038-2	Not available	30%
Silicate		1344-09-8	215-687-4	Not available	10%
Pigment		20298-86-6	Not available	Not available	4%
Fragrance (Lemon Scent)	Linalool	78-70-6	201-134-4	603-235-00-2	0.03-0.21%
	Alpha-Terpineol	10482-56-1	233-986-8	Not available	0.003-0.06%
	Citronellol	106-22-9	203-375-0	Not available	0.03-0.15%
	Citral	5392-40-5	226-394-6	605-019-00-3	0.003-0.06%
	Decanal	112-31-2	203-957-4	Not available	0.03-0.15%
	Orange oil	8008-57-9	600-006-9	Not available	0.3-1.5%
Biological bacteria		Trade secret	Trade secret	Trade secret	3%

4. First aid measures

4.1. Description of first aid measures:

General notes: May cause an allergic skin reaction.

Following inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

Following skin contact: Wash with plenty water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

Following eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Following ingestion: Rinse mouth. Do not induce vomiting without professional instruction. Call a POISON CENTER or doctor/physician if you feel unwell.

Self-protection of the first aider: Wear protective gloves.

4.2. Most important symptoms/effects, acute and delayed: Acute effect: May cause an allergic skin reaction. Delayed effect: Not found.

4.3. Indication of any immediate medical attention and special treatment needed: Treat according to symptoms.

5. Fire-fighting measures

5.1. Extinguishing Media:

Suitable extinguishing media: This product is not flammable, as for a fire caused by surrounding ignition sources, choose proper extinguishers according to fire types. Seek advice from local fire-fighting authority.

Unsuitable Extinguishing Media: Discharging cylinder shape water from fire hose may lead to spread fire to the surroundings.

5.2. Special hazards arising from the substance or mixture:

Hazardous combustion products: The product is not flammable, no special danger.

5.3. Advice for firefighters:

For initial fire, use dry powder, carbon dioxide, etc.

For large fire, it is effective to use fire foam, etc. to shut off air supply.

Fire-fighters must wear self-contained breathing apparatus and full protective equipment (e.g. fire-retardant clothing). Deny unnecessary entry to the place around the fire.

Remove containers from fire area if it can be done without risk. Cool surrounding facilities, etc. with water spray.

Extinguish fire from upwind, and the fire extinguishing method should be appropriate to the situation in the surroundings.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures: Use proper personal protective equipment as indicated in Section 8.

6.2. Environmental Precautions: Keep cleaning run-offs out of municipal sewers and open bodies of water. Comply with local and national laws and regulations.

6.3. Methods and materials for containment and cleaning up:

Due to the nature of this product, there is no special measure for collection. Collect it into a proper container for disposal.

Avoid generating dust during collection and clean-up.

6.4. Reference to other sections:

For more information, please refer to Section 8 and Section 13.

7. Handling and storage

7.1. Precautions for safe handling:

Wash hands thoroughly after handling.
Do not eat, drink or smoke when using this product. Wear eye protection/face protection.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions: Store it in a well-ventilated, cool and dry store room. The storeroom should be equipped with proper facilities for accidental fire.

Incompatible materials: No special requirement for this product.

Packaging materials: Plastic bottles.

Requirements for storage rooms and vessels: Well-ventilated and dry.

Storage class

Further information on storage conditions: No special requirement for this product.

7.3. Specific end use(s):

 Used for deodorizing and cleaning purpose.

8. Exposure controls/personal protection

8.1. Control parameters:

Ingredients	COSHH Workplace exposure limits-TWA	OSHA PEL-TWA	ACGIH TLV-TWA
Not applicable	Not applicable	Not applicable	Not applicable

8.2 Exposure controls

8.2.1 Appropriate engineering controls:

If user operations generate mist/vapours, use ventilation to keep exposure to airborne contaminants in a proper range. Install eye washer and safety shower near handling and storage area.

Indicate the location of this facility with clear and prominent.

8.2.2 Personal protection equipment: **Protection of Hands:** Recommend wearing protective gloves for industrial hygienic purpose.



Protection of Eyes: Wear safety glasses when working in a dusty environment.



Respiratory Protection:

No special requirements under normal conditions. Use an approved respirator if exposure limits are exceeded or if irritation or other symptoms occur.

Protection of Body: Recommend wearing general working clothing.

General protective and hygienic measures: Keep away from foodstuffs, beverages and feed. Wash hands before breaks and at the end of work. Avoid contact with eyes and broken skin.

8.2.3 Environmental exposure controls:

Maintain levels below Community environmental protection thresholds.

9. Physical and chemical properties

General Information	
Appearance	Solid
Colour	Blue
Odour	Lemon odor
Odour threshold	No data available
pH	No data available
Melting point/freezing point	No data available
Initial boiling point and boiling range	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability (solid, gas)	This product is not classified as flammable solid.
Flammable/Explosive Limits-Lower Vol %	Not applicable
Flammable/Explosive Limits-Upper Vol %	Not applicable
Vapour pressure	No data available
Vapour density	No data available
Relative Density	approx. 2.5~2.6g/cm ³ (water=1)
Solubility	Not totally soluble in water.
Partition coefficient: n-octanol/water	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidising properties	No data available

10. Stability and reactivity

10.1. Reactivity: No information available.

10.2. Chemical stability: This product is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

10.3. Possibility of hazardous reactions: No information available.

10.4. Conditions to avoid: Long-time direct sunlight and high temperature.

10.5. Incompatible materials: No information available.

10.6. Hazardous decomposition products: No information available.

11. Toxicological information

11.1. Information on toxicological effects Acute toxicity:

Ingredient (s)	CAS No.	LD ₅₀ /LC ₅₀ (Median lethal dose)
Not applicable	Not applicable	No data available <i>Note: Surfactant: R 22</i> <i>If it is swallowed, it will cause gastrointestinal irritation and symptoms may include nausea or vomiting. (Data source: Data from the manufacturer)</i>
Classification of the whole product:		Acute toxicity, oral - Category 4.

Skin corrosion/irritation:

Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation:

Surfactant: Category 2 (Data source: Data from the manufacturer)

In case of contact with this product, it will cause irritation to eyes and symptoms may include redness and tear

Classification of the whole product: Category 2

Respiratory sensitizer:

No classification for this product.

Skin sensitizer:

No classification for this product.

Germ cell mutagenicity:

No classification for this product.

Carcinogenicity:

No classification for this product.

Reproductive Toxicity:

No classification for this product.

Specific target organ toxicity, single exposure:

No classification for this product.

Specific target organ toxicity, repeated exposure: No classification for this product.

Aspiration hazard:

No classification for this product.

Effects on or via lactation:

No classification for this product.

12. Ecological information

12.1. Toxicity: No information available.

Classification of the whole product: Not classified.

12.2. Persistence and Degradability:

Abiotic Degradation: No information available.

Physical- and photo-chemical elimination: No information available.

Biodegradation: No information available.

12.3. Bioaccumulative Potential:

Partition coefficient n-octanol /water (log Kow): No information available.

Bioconcentration factor (BCF): No information available.

12.4. Mobility in Soil: No information available.

12.5. Results of PBT and vPvB Assessment: No information available.

12.6. Other adverse effects: Not found.

12.7. Additional information: No information available.

13. Disposal Considerations

13.1 Waste treatment methods

13.1.1 Product / Packaging disposal:

It is recommended to use incineration method to dispose of waste. Do not allow product to reach sewage system.

Do not throw it into any open bodies of water.

Waste recycling must be operated strictly according to relevant regulations. Waste codes / waste designations according to LoW:

EWC code: 20 03 01

In other countries different conditions might be valid. All national and local laws have to be considered.

13.1.2 Waste treatment-relevant information:

Paste a label on the container indicating the possible hazards of the waste.

13.1.3 Sewage disposal-relevant information:

Do not discharge waste into sewage without any treatment.

13.1.4 Other disposal recommendations: Any disposal practice must be in compliance with country, local, state, and federal laws and regulations.

14. Transport Information

ADR and RID / Air-Transportation- IATA/ICAO/Sea-Transportation-IMO/IMDG.:

14.1. UN number: Not regulated.

14.2. UN proper shipping name: Void

14.3. Transport hazard class (es): Void

14.4. Packing group: Void

14.5. Assigned Pictogram: Void

14.6. Environmental hazards (Marine Pollutant (Yes/No)): No.

14.7. MS NO.: Not applicable

14.8. Special precautions for user: Check whether the package is completed or sealed before transporting; make sure no damage of packages and prevent goods from falling down during transporting; the transport vehicle should be equipped with facilities for fire-fighting and accidental release handling; do NOT transport this product together with incompatible substances. Stay away from fire and areas of high temperature during stopovers.

14.9. Transport in bulk according to Annex II of MARPOL and the IBC Code: Not applicable.

15. Regulatory information

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

- **Candidate List of Substances of very high concern (SVHC) according to ECHA:** Not listed.
- **REACH Regulation Annex XVII Regulation List:** Not listed.
- **REACH Regulation Annex XIV Authorization List:** Not listed.
- **Germany – WGK:** Not classified.

15.2. Chemical Safety Assessment: A Chemical Safety Assessment has not been carried out.

15.3. Other relevant regulations:

- **Sara:**
- **Section 355 (extremely hazardous substances):** Not listed.
- **SARA 313:** Not listed.
- **Toxic Substances Control Act (TSCA):** The ingredients with specific CAS numbers are listed in the TSCA inventory list.
- **Clean Water Act:**

Chemical Name	CWA – Reportable Quantities	CWA – Toxic Pollutants	CWA – Priority Pollutants	Hazardous Substances
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

16. Other information

DISCLAIMER: The above information is genuine and reliable, and only for reference. Our company will not control the way how people use it, neither will we be responsible for any resultant consequences. The users shall decide how to properly use the product or adopt certain production way for some special purpose. The above mentioned precautions may help to avoid damage to the property or life safety during the operation or application of the products.

References:

EC No.1907/2006 (REACH) EC

No. 1272/2008 (CLP)

Commission Regulation (EU) 2015/830

For full text of Hazard- and EU Hazard-statements:

Acute Tox. 4	Acute toxicity, oral - Category 4
Eye Irrit. 2	Serious eye damage/eye irritation - Category 2

Classification according to Regulation (EC) Nr. 1272/2008	Classification procedure
Acute Tox. 4	Calculation method
Eye Irrit. 2	Calculation method

Full description of some acronyms:

CAS-Chemical Abstracts Service

EINECS-European Inventory of Existing Commercial Chemical Substances

IMO-International Maritime Organization

IMDG-International Maritime Dangerous Goods

IATA-International Air Transport Association

ICAO-International Civil Aviation Organization

TSCA-Toxic Substance Control Act

OSHA-Occupational Safety and Health Administration

ACGIH-American Conference of Governmental Industrial Hygienists

DFGOT-Occupational Toxicants Critical Data Evaluation for MAK Values and Classification of Carcinogens Vol. 1-20.

RTECS- Registry of Toxic Effects of Chemical Substances NIOSH CD-ROM

Key literature references and sources for data:

<https://echa.europa.eu/>

<https://chem.nlm.nih.gov/>

<https://www.osha.gov/>

<http://www.unece.org/>

<http://www.imo.org/>

<https://www.dguv.de/>

<https://epa.govt.nz/>

<http://www.ilo.org/>

<https://www.phmsa.dot.gov/>

Training advice:

Workers must be educated and trained so they can read SDS and understand the hazards, and know how to work safely with hazardous products.

Further information:

The contents and format of this SDS are in accordance with Regulation (EC) No 1907/2006, its amendment Regulation (EU) No2020/878 and (EC) No 1272/2008.

DISCLAIMER OF LIABILITY:

The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

*****The End*****