



SAFETY DATA SHEET

Product Name: **EUCOCLEAN BED BUG DEFENCE SYSTEM**

Issued: February 2018

Section 1: IDENTIFICATION

Product Name: Euoclean Bed Bug Defence System
Other Names: TRG BBDS
Recommended Use: For Parasite Infestations
Supplied By: Euoclean Australia
Address: unit 3/39-41 Fourth Avenue Blacktown NSW 2148
Telephone: 1300 413 336 (Office Hours: Monday to Friday - 9am to 3pm).
Emergency Contact: Poisons Information Centre 131 126 (24 hours – Australia Wide).

Section 2: HAZARDS

Hazard Classification: Classified as **NON HZARDOUS**
Also **NOT DANGEROUS GOODS** according to Australian Dangerous Goods Code
CLASSIFIED according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

Risk Phrases: R31: Nil.
R36: Irritating to eyes.
R38: Nil.

Safety Phrases: S1: Nil.
S2: Keep out of reach of children.
S28: Nil.
S45: In case of accident or feel unwell seek medical advise immediately (show MSDS where possible).
S50: Nil.

Additional Information: Nil.

Section 3: INGREDIENTS

<u>Chemical Identity</u>	<u>Common Name</u>	<u>Proportion</u>	<u>CAS Number</u>
Non Hazardous Organic Compounds	Secret	Not required	Not required
Non Hazardous Organic Compounds	Secret	Not required	Not required
Organic Cationic Surfactant	Surfactant	1.5%	68424-85-1
Water	Potable Water	to 100%	7732-18-5

Section 4: FIRST AID

General Procedures:

- **Swallowed:** Rinse product from mouth. Do not induce vomiting. Give plenty of water to drink. If vomiting occurs spontaneously, position victims head to keep airway clear. Give further water to achieve effective dilution. Seek immediate medical attention or contact the Poisons Information Centre.
- **Eye Contact:** Hold eyelids open, flood with water for at least minutes and seek immediate medical attention.
- **Skin Contact:** Remove all contaminated clothing and wash effected skin thoroughly with water. If swelling, redness, blistering or irritation occurs seek medical attention.
- **Inhalation:** Remove to fresh air. If victim feels unwell seek medical attention.

Advice to Doctor: Treat systematically.

First Aid Facilities: Approved on-site first aid kit. Eyewash and shower is also necessary in the workplace where this product is used.

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Section 5: FIREFIGHTING MEASURES

Suitable Extinguishing Media: This product is non-flammable. Use extinguishing media appropriate to surrounding fire conditions.

Hazards from Combustion: Nil.

Precautions For Fire fighters: Normal fire fighting procedures may be used. Keep containers cool with water spray to avoid burning of containers and causing spillage.

Special Protective Clothing: Nil.

Additional Information

- **Hazchem Code:** None Allocated.

Section 6: ACCIDENTAL RELEASE MEASURES

Emergency Procedure: SAA/SNZ HB76: Dangerous Goods – Initial Emergency Response Guide – Not applicable

Small Spills & Clean Up (1 litre or less)
Wipe up using clean rags.

Minor Spills & Clean Up (200 litres or less) Not Applicable
Clean up all spills immediately. Avoid contact with skin and eyes. Stop leak if safe to do so. Isolate any leaking containers and transfer contents into alternative, suitable, containers. Prevent by any means available spillage from entering drains or water courses. Contain spill using sand or soil. Form bunding to all exits. Cover stormwater drains and form bunding around perimeter. If possible neutralise spill with Soda Ash. Use absorbent inert material such as sand, soil, sawdust, vermiculite, or manmade inert material. Wipe clean or collect contaminated waste, place and seal in properly labelled, suitable containers. After clean up wash area down with large quantities of water.

Major Spills & Clean Up (Greater than 200 litres) Not Applicable
Clear area of personnel and move upwind, state location and nature of hazard and take instructions. Avoid contact with skin and eyes. Prevent by any means available spillage from entering drains or water courses. Stop leak if safe to do so. Contain spill using sand or soil. Form bunding to all exits. Cover stormwater drains and form bunding around perimeter. If possible neutralise spill with Soda Ash. Use absorbent inert material such as sand, soil, sawdust, vermiculite, or manmade inert material. Collect contaminated waste, using non-sparking tools/equipment and place and seal in properly labelled, suitable containers. After clean up wash area down with large quantities of water.

Disposal: For disposal of contaminated waste material contact the Environment Protection Authority. Normally suitable for disposal at approved land waste sites.

Additional Information: Nil.

Section 7: HANDLING AND STORAGE

Precautions For Safe Handling:
Use good occupational work practice.

Conditions For Safe Storage:

- **Suitable Containers:** Only use Approved plastic drums or containers.
- **Storage Incompatibility:** To be stored away from foodstuffs.

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Continued ... Section 7: HANDLING AND STORAGE**- Storage Requirements:**

Protect containers against physical damage. Check regularly for spills and leaks.

Section 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION**National Exposure Standards:** As specified in the NOHSC: Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:3008(1995)].

<u>Identity</u>	<u>CAS</u>	<u>ES-TWA</u>	<u>ES-STEL</u>
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* Decomposition product

Biological Limit Values: No biological limit allocated. [NOHSC:7039(1995)].**Engineering Controls:** Use in a well ventilated area. If ventilation is insufficient, use a corrosive – resistant ventilation system separate from other exhaust systems. Engineering control methods to reduce hazards are preferred.**Personal Protective Equipment (PPE)** Nil**- Eye/Face Protection:** Contact lenses pose a hazard; soft lenses may absorb irritants and all lenses concentrate them.**- Skin Protection:** Nil**- Respiratory Protection:** Nil.**Section 9: PHYSICAL AND CHEMICAL PROPERTIES**

Appearance:	Green liquid.
Odour:	Mild Eucalyptus Fragrance
pH (Neat):	Neutral
Vapour Pressure:	Not Available.
Vapour Density:	As for water
Boiling Point (°C):	100°C
Freezing Point (°C):	0°C
Solubility (in water):	Complete.
Specific Gravity/Density:	Approx. 1.0
Flammability:	Non-Flammable
- Flash Point (Closed Cup °C):	Not Applicable.
- Flammable (Explosive) Limits in Air:	Not Applicable.
- Ignition Temperature (°C):	Not Applicable.

Section 10: STABILITY AND REACTIVITY

Chemical Stability:	Stable under normal conditions of use.
Conditions To Avoid:	Stability decrease in pH and contamination with heavy metals, such as nickel, cobalt, copper and iron. Use only as directed.
Incompatible Materials:	Strong acids, oxidisable materials, reducing agents, ammonia solutions, ether, peroxides, aziridine, methanol, reducing agents and many organic and inorganic chemicals such as paint, kerosene, paint thinners, shellac, grease and oils.
Hazardous Decomposition Products:	Additional decomposition products that depend upon pH, Temperature and time are sodium chloride, sodium chlorate and oxygen
Hazardous Reaction:	Nil.

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Section 11: TOXICOLOGICAL INFORMATION**Health Effects:**

- **Acute:**
 - **Ingestion:** Swallowing can result in nausea, vomiting, and abdominal pain.
 - **Eye:** Irritant to eyes.
 - **Skin:** Non Irritant to skin.
 - **Inhalation:** Prolonged inhalation of mist may cause irritation.
- **Chronic:** Nil.

Possible Routes Of Exposure: Ingestion (swallowing), skin/eye contact.**Range Of Effects Following Exposure:** *Behavioural* – Somnolence (general depressed activity)
Vascular – BP lowering not characterized in autonomic section
Skin and Appendages –**Dose Likely To Cause Injury:****Delayed Effects:**

- **Ingestion:** Can result in nausea, vomiting, and abdominal pain.
- **Eye:** Irritant to eyes.
- **Skin:** Nil
- **Inhalation:** Prolonged Inhalation of mist may cause irritation.

Negative Data: No effects reported following long-term exposure.
Carcinogen Category: None allocated. [NOHSC:1008(2004)].**Section 12: ECOLOGICAL INFORMATION**

Ecotoxicity: Not available.

Persistence and Degradability: Not available.

Mobility: Not available.

Other Information: This material may be harmful to aquatic life in low concentrations.

Section 13: DISPOSAL CONSIDERATIONS

Disposal Methods: Refer to State/Territory Land Waste Management Authority. Dispose of material through a licensed waste contractor. Completely empty containers. Rinse empty containers thoroughly before recycling or disposing to an authorised landfill. Rinse water not to have a pH > 10 or < 6.5 if being discharged into the sewer.

Special Precautions: Do not dispose with acids.

Section 14: TRANSPORT INFORMATION

UN Number: None Allocated.

UN Proper Shipping Name: None Allocated.

Class and Subsidiary Risk: None Allocated.

Packaging Group: Non Dangerous Goods.

Special Precautions for User: None.

Hazchem Code: None Allocated.

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Section 15: REGULATORY INFORMATION**Poisons Schedule (SUSDP):** None Allocated

All hazardous ingredients are listed in the Australian Inventory of Chemical Substances (AICS) and in the National Occupational Health & Safety Commission document: [NOHSC:1008(2004)].

Section 16: OTHER INFORMATION**Date of Preparation:** February 2018**Supersedes Issue:** First issue

- Notes:**
1. Subject to no variations in the chemical formulation or the proportions used, this Material Safety Data Sheet is valid for 5 years from the date of issue as set out in [NOHSC:2001(2003)].
 2. This Material Safety Data Sheet must be made available to all persons who by nature of their employment may handle or come into contact with this product.
 3. Section 3: INGREDIENTS – Chemical Identity: NOHSC – Hazardous Substance name used.
 4. Section 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION – National Exposure Standards – Identity: NOHSC – Exposure Standards name used.
 5. Section 11: TOXICOLOGICAL – Doses Likely To Cause Injury: RTECS – Chemical Substance name used.
 6. Reference material based on data from: Elite Chemicals: Ionics Australasia Pty Ltd.

Disclaimer: All information contained in this Material Safety Data Sheet is as accurate and up-to-date as possible and has been prepared using data from sources as stated or considered to be technically reliable by the author. Since Advantage Cleaning Products cannot anticipate or control the conditions under which this information may be used. Each user should review the information in the specific context of the intended application. Advantage Cleaning Products will not be responsible for damages of any nature resulting from the use or reliance upon the information. No express or implied warranties are given other than those implied mandatory by the Commonwealth, State or Territory legislation of Australia.

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