



BACTECH ANTI DUST MITE
ELECTRODRY PTY LTD

SDS - GHS/1 COMPLIANT
2019

1. IDENTIFICATION OF SUBSTANCE & SUPPLIER

Product name: BACTECH ANTI DUST MITE
Other names: Odour Eliminator
Proper shipping name: Anti-Microbial
Relevant identified use: Textile, Fabric & Carpet Sanitizer and Dust mite/Bed Bug inhibitor
Company name: KleenHealth Australia Pty Ltd
Address: 18/51 Kalman Drive, Boronia, Vic. 3153
Contact: Michael Davey
Phone: 1800 252 649
Email: info@kleenhealth.com.au
Emergency advice: Poisons Information Centre. Aust. 13 11 26
NZ. 0800 764 766

2. HAZARD IDENTIFICATION

Classification of Substance or Mixture:

Product classified as HAZARDOUS according to the criteria of NOHSC.

2.1 Classification of the substance/mixture according to Regulation (EC) No.1272/2008 (CLP)

2.2 Labelling according to Regulation (EC) No. 1272/2008 (CLP)

SUSMP Classification: S5

ADG Classification: Not classified as a Dangerous Goods according to the Australian Dangerous Goods (ADG) code, IATA & IMDG/IMSBC criteria.

GHS Signal Word: WARNING

Eye irritant

Label Elements:



Hazard Statement

H302: Harmful if swallowed

H312: Causes irritation on contact with skin

H314: Causes severe skin burns and eye damage

H317: May cause allergic skin reaction

H319: Causes serious eye irritation

H400: Very toxic to aquatic life

Prevention Precautionary Statements:

P102: Keep out of reach of children

P260: Do not breathe dust/fume/gas/mist/vapours/spray

P262: Do not get in eyes, on skin or clothing

P264: Wash thoroughly after handling

P271: Use only outdoors or in well ventilated areas

P272: Contaminated work clothing should not be allowed out of the work place

P273: Avoid release to the environment

P281: Wear personal protective equipment as required

Response Precautionary Statements:

P301+330+331: If swallowed rinse mouth DO NOT induce vomiting

P302+352: If on skin wash with soap & water

P304+340: If inhaled remove victim to fresh air and keep at rest in a comfortable position for breathing

P305+351+338: If in eyes rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so – continue rinsing

P311: Call Poison Information Centre or Doctor/ Physician.

Storage Precautionary Statements:

P403: Store in a well-ventilated place

P404: Store in a closed container.

DISPOSAL

P501: If they cannot be recycled, dispose of contents to an approved waste disposal plant and containers to land fill.

EMERGENCY OVERVIEW

Physical Description & Colour: Non-Translucent Milky Colour

Odour: Non – Scented, Apple, Lavender or Vanilla

Major Health Hazards: Irritant to skin & eyes

3. COMPOSITION / INFORMATIONS ON INGREDIENTS

Chemical Name	CAS #	Proportion
2-(2-Butoxyethoxy) Ethanol	112-34-5	> 60%
Permethrin (PLB)		< 10%
Isothiazolinone Mixed	55965-84-9	< 10%
Ingredients Deemed Non-Hazardous		up to 100%

ALL other ingredients are classified as NON-HAZARDOUS according to the criteria of Safe Work Australia and Regulations (EC) No. 1272/2008.

This material is NOT listed on the Australian Inventory of Chemical Substances (AICS).

The specific chemical identity and/or exact percentage of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

Swallowed: DO NOT induce vomiting give fresh water. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

Eyes: Flush eyes with copious amounts of water for 15 minutes. Seek medical attention.

Skin: Remove contaminated clothing and wash skin thoroughly. Wash clothing before re-use. Seek medical advice if effects persist.

Inhaled: Remove affected person from exposure to fresh air. If breathing becomes difficult give oxygen. If not breathing apply artificial respiration. Seek prompt medical assistance.

Advice to Doctor: Treat symptomatically.

5. FIRE FIGHTING MEASURES

Extinguishing Media: Product is non-flammable, use extinguishing media for surrounding fire situation with the following: Foam or water fog.

Specific Hazards: Heating can cause expansion and possible violent rupture of containers. If safe to do so remove containers from path of fire. Smoke may contain combustion products, which may be toxic including Carbon Monoxide and Carbon Dioxide.

Firefighting Precautions: Fire fighters should wear full protective clothing & self-contained breathing apparatus to minimize exposure. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. Remove undamaged containers from the area when safe to do so.

Hazchem Code (Australia): 3Z

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal: Material may be slippery when spilt. It is recommended that protective clothing be worn when attending spills.

Prevent entry into the sewer, drainage system & waterways. Minor spills do not normally require any special clean-up measures. Larger spills contain & collect with inert absorbent material such as sand or soil. Contaminated product should be placed in sealed properly labelled containers. Ensure disposal conforms to local waste disposal conditions.

7. HANDLING AND STORAGE

Storage & Transport: Store in a cool, dry, well ventilated area away from direct sunlight. Keep containers closed when not in use.

Handling: Repeated or prolonged exposure to product without protective clothing should be avoided to prevent possible tissue damage. It is essential that those who come into contact with the product maintain a good standard of personal hygiene i.e. Washing hands prior to eating, drinking, smoking or going to the toilet.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards: Control Parameters:

2-(2-Butoxyethoxy) Ethanol – 35ppm, 67.5 mg/m³ 10ppm, 101.2 mg/m³ 15ppm, 10ppm
Isothiazolinone mixed CAS No. 55965-84-9

Engineering Controls: Provide sufficient ventilation. Use exhaust ventilation if required.

Personal Protection: Wear chemical resistant goggles or glasses, gloves & protective clothing. Wash hands after using.

Flammability: Product is non-flammable

9. IDENTIFICATION

Physical Description/ Chemical Properties

Appearance:	Non-Translucent Milky Colour
pH:	1% Solution 5
Vapour Density (air = 1):	N.A.
Boiling Point:	100°C
Freezing/Melting Point:	0°C Approximately
Solubility in Water:	Completely Soluble
Specific Gravity (gm/ml @20°C):	0.988
Flash Point:	N/A
Flammability Limits (%):	N/A
Auto Ignition Temperature:	N/A
Percent Volatiles:	N/A

10. STABILITY AND REACTIVITY

Reactivity: No dangerous reactions known under normal use.

Chemical Stability: Stable under normal conditions of use.

Possibility of Hazardous Reactions: No Data.

Conditions to Avoid: Excessive heat and cold. Direct sunlight for prolonged periods.

Incompatible Materials: Strong Acids. Strong Bases and Oxidizing Agents.

Hazardous Decomposition Products: Excessive temperature or burning may result in decomposition products including but not limited to aldehydes, ketones, organic acids and Carbon monoxide.

11. TOXICOLOGICAL INFORMATION

Local Effects:

Target organisms: No data indicating particular organs

Potential Health Effects

Inhalation:

Short Term Exposure: Data indicates this product is not harmful. May be mildly irritating although not likely to cause anything more than mild discomfort.

Long Term Exposure: No data for health effects associated with long term inhalation.

Skin Contact:

Short Term Exposure: Data indicates this product is not harmful. May be mildly irritating although not likely to cause anything more than mild discomfort

Long Term Exposure: No data for health effects associated with long term skin contact.

Eye contact:

Short Term Exposure: Product is irritating to the eyes. However it is not likely to cause anything more than mild discomfort.

Long Term Exposure: No data for health effects associated with long term eye exposure.

Ingestion:

Short Term Exposure: Product Significant oral exposure is considered unlikely. However this product may be irritating to mucous membranes, but is unlikely to cause anything more than mild discomfort.

Long Term Exposure: No data for health effects associated with long term ingestion.

Carcinogen Status:

No significant ingredient is classified as carcinogenic.

Toxilogical Information Hazardous Components:

2-(2-Butoxyethoxy) ethanol – Oral LD₅₀ (rat): 3305 mg/kg mouse 2410 mg/kg; Dermal LD₅₀ (rabbit): 2800 mg/kg. LC50 has not been determined.

Isothiazolinone – Acute Oral LD₅₀ (rat) 457 mg/kg, Dermal LD₅₀ (rabbit) 660 mg/kg, Eye irritation (rabbit) corrosive, Skin irritation (rabbit) severe irritation may be corrosive, Inhalation LC₅₀ (rat) 2.6 mg/L for 4 hours.

12. ECOLOGICAL INFORMATION

Eco Toxicity: Product harmful to aquatic organisms. Do not allow product to enter sewers, drains or waterways.

13. DISPOSAL CONSIDERATIONS

Disposal Methods: Ensure disposal conforms to local waste disposal regulations.
Re-cycle containers where possible.

14. TRANSPORT INFORMATION

UN Number:

Proper Shipping Name: Antimicrobial

D/G Class:

Subsidiary Risk:

Packing Group: III

Hazchem Code: 3Z

Special Precautions for User: Nil

15. REGULATORY INFORMATION

All significant ingredients in this formulation are compliant with NICNAS regulations.

Poison Schedule: S5

16. OTHER INFORMATION

Date of Preparation: 26th September 2019

Issue Date: 24th November 2019

Supersedes: All Previous SDS and MSDS

Reason for Update: GHS compliance

The information sourced for the preparation of this document was correct and complete at the time of writing, to the best of the writer's knowledge. The document represents the commitment to the company's responsibilities surrounding the supply of this product, undertaken in good faith. This document should be taken as a safety guide for the product and its intended use, but is in no way an absolute authority. Please consult the relevant legislation and regulations governing the use and storage of this product.