

ZeoMed and Zeofresh and EcoFresh Ranges of Products

SAFETY DATA SHEET

Section 1: Identification

Product Name: ZeoMed and ZeoFresh and EcoFresh Ranges of Products
Product Name: ZeoFresh Infectious Waste Body Fluid Clean-Up Absorbent Powder / EcoFresh products / ZeoFesh Products
Use(s): Selectively removes ingredients from mixtures on the basis of molecular size.

Manufacturer

Enware Australia Pty Limited
9 Endeavour Road
Caringbah
NSW 2229
Phone : +61 2 8556 4000

Section 2: Hazard(s) Identification

2.1 GHS Classification

Specific target organ toxicity – single exposure (Category 3)

2.2 GHS Label Elements

Pictogram



Signal Word: *WARNING*

Hazard statement(s)

H335 May cause respiratory irritation.

Precautionary statement(s)

Prevention

P261 Avoid breathing dust

P271 Use only outdoors or in a well ventilated area

Response
P304 + P340

IF INHALED: remove victim to fresh air and keep at rest in a position comfortable for breathing.

P312

Call a POISON CENTRE or doctor / physician if you are unwell.

Storage
P403+ P233

Store in a well ventilated place. Keep container tightly closed.

Disposal
P501

Dispose of contents / container to an approved waste disposal plant.

Section 3: Composition/Information on Ingredients

Chemical Entity

Name	CAS No.	Proportion %
Hydrous Sodium Aluminosilicate, Natural Clinotilolite	1318-02-1	100%

Section 4: First Aid Measures

- Inhalation:** Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. DO NOT use mouth-to-mouth respiration.
- Eye Contact:** Flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating eyelids with fingertips. Seek medical attention.
- Skin Contact:** Flush with copious amounts of water for at least 15 minutes, remove contaminated clothing and shoes. If irritation continues after flushing seek medical attention.
- Ingestion:** If conscious and alert, rinse mouth and drink 2-4 cupfuls of water or

milk. Seek medical attention. DO NOT induce vomiting.

**Important Symptoms
(acute or delayed) or
Effects**

Slight to moderate eye irritation. May cause skin irritation. May cause irritation of mucus membranes and the upper respiratory tract causing coughing and sneezing.

Prolonged and repeated exposure to skin may cause irritation or dermatitis.

Section 5: Fire-Fighting Measures

Extinguishing Media

Suitable extinguishing media Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special hazards arising From the substance or Mixture Nature of decomposition products not known

Advice for firefighters Wear self-contained breathing apparatus for firefighting if necessary

Further information No data available

Section 6: Accidental Release Measures

Personal Precautions: Avoid generally dusty conditions and provide adequate ventilation.

Emergency Procedures: Clean up spills immediately, using appropriate protective equipment.

Clean up Procedures: Vacuum, sweep up or absorb material and place into a suitable disposal container.

Reference to other sections: For disposal see section 13.

Section 7: Handling and Storage

Precautions for safe handling:	Use dust control and protection in handling and storage.
Recommendations for Safe storage including In compatibilities:.	Store in a closed container in a cool and dry place to avoid slow reactions with carbon dioxide and moisture in air. Avoid storage near magnesium, aluminum + hexchloroethane, zinc chloride or strong oxidizing agents: reacts violently with phosphorus pentachloride, chlorine trichloride, or bromine pentafluoride.

Section 8: Exposure Controls/Personal Protection

Material: **OSHA PEL:** **ACGIH TLV:**

Controls: Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

Respiratory Protection: Use NIOSH approved respirators when necessary.

Skin Protection: Wear suitable protective gloves and clothing.

Eye Protection: Wear protective glasses or chemical safety goggles.

Other protective Equipment: None

Section 9: Physical and Chemical Properties

Colour / Appearance:	Tan/white particle mixture
Odour:	Odourless
Odour Threshold:	No data available
Boiling Point:	No data available
Melting Point:	No data available
Flash Point:	No data available
Evaporation Rate:	No data available

Upper/ Lower Flammability:	No data available
Flammability:	Not flammable
Vapour Pressure:	No data available
Vapour Density:	No data available
Relative Density:	No data available
Solubility in water:	No data available
pH:	No data available
Partition coefficient:	No data available
Auto-ignition Temperature:	No data available
Decomposition Temperature:	No data available
Viscosity:	No data available

Section 10: Stability and Reactivity

Chemical Stability: stable under normal temperature and pressure.

Other:

- Hazardous Polymerization: None
- Incompatibility: Lithium at 200°C, chlorinated rubber, linseed oil, aluminum + hexchloroethane, zinc chloride or strong oxidizing agents, reacts violently with phosphorus pentachloride, or bromine pentafluoride.
- Decomposition Products: Toxic gases such as metal fumes may be released in a fire.

Section 11: Toxicological Information

Likely Routes of Exposure: Eye and skin contact, inhalation, ingestion.

Effects:

- **Acute Health Hazards:** May cause irritation of the skin and eyes. Inhalation of dust may cause irritation of mucus membranes and the upper respiratory tract causing coughing and sneezing.
- **Chronic Health Hazards:** Prolonged and repeated exposure to skin may cause irritation or dermatitis.

Measures of Toxicity:

MgO

- Acute Oral: LD₅₀ > 5g/kg

- Acute Dermal Irritation : EPA Category IV, non-irritating
- Acute Eye Irritation: EPA Toxicity Category III, slightly irritating
- Skin Sensitiser: Non-sensitiser
- Acute Inhalation: EPA Category IV, non-toxic

ZnO

- Acute Oral: LD₅₀ > 2g/kg
- Acute Dermal : LD₅₀ > 5g/kg
- Acute Dermal Irritation: PII = 0, non-irritating
- Acute Eye Irritation: Moderately irritating
- Skin Sensitiser: Non-sensitiser

TiO₂

- Acute Oral: LD₅₀ > 2g/kg
- Acute Dermal: LD₅₀ > 5g/kg
- Acute Dermal Irritation: PII = 0, non-irritating
- Acute Eye Irritation: Practically non-irritating
- Skin Sensitiser: Non-sensitiser
- Acute Inhalation: EPA Category IV, non-toxic

Section 12: Ecological Information

There is no data available for this product.

Section 13: Disposal Information

Dispose of in accordance with federal, state and local council regulations. Can be landfilled or incinerated, when in compliance with local council regulations.

Section 14: Transportation Information

NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS: UN, IATA,IMDG

Section 15: Regulatory Information

Additional Information

None

Section 16: Other Information

Revision Date: Thursday, May 11, 2017

This SDS has been prepared in accordance with the Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - December 2011

This product has been labeled in accordance with the Code of Practice Labelling of Workplace Hazardous Chemical - March 2015

All components of this material are listed in the Australian Inventory of Chemical Substances (AICS) as per the Industrial Chemicals (Notification & Assessment Act) 1989.

Sources of Data: Suppliers Safety Data Sheets for the ingredients

Disclaimer:

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Contact Points: Enware Australia Pty Limited
General Compliance Manager
Information: (02) 8536 4000
Specialist Business Development Manager – Safety Environment.
Information: (02) 8536 4000

End of SDS