

MATERIAL SAFETY DATA SHEET

Poisons Information Centre: 13 1126 (Australia) 0800 764 766 (New Zealand)	
Product Name: MagZen Minerals	This version issued: 14 August 2025
Product Code: magZEN10	Revision: B

Section 1: Product Identifier and Chemical Identity

Product Identifier:	MagZen Minerals
Product Nature:	Blend of inorganic mineral salts
Recommended Use:	Pool and spa maintenance product
Product Creation Date:	October 2024
MSDS Issue Date:	14 August 2025
Manufacturer / Supplier:	Madimack Pty Ltd Suite 1B / Level 31, 100 Miller St, North Sydney NSW 2060 Also: Level 1 / 50 Berry St, North Sydney NSW 2060 Phone: 1300 899 737 Email: sales@madimack.com Website: www.madimack.com.au Hours: Mon–Fri 9am–6pm
Emergency Phone:	Poisons Information Centre — Australia: 13 1126 New Zealand: 0800 764 766

Section 2: Hazard(s) Identification

- Based on available information, this material is **not classified as hazardous** according to the criteria of Safe Work Australia.
- Poison Schedule: Not Applicable
- Australian Dangerous Goods Classification: Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail".
- New Zealand Dangerous Goods Classification: Not classified as Dangerous Goods by the criteria of NZS5433.

GHS Signal Word: NONE. Not hazardous.

Major Health Hazards: No significant risk factors have been identified for this product under normal handling and use conditions.

Section 3: Composition and Information on Ingredients

Ingredient	CAS No	Conc. (%)	TWA (mg/m³)	STEL (mg/m³)
Magnesium chloride	7786-30-3	>60	not set	not set
Other mineral salts (chloride-based)	Various	balance to 100	not set	not set

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non-hazardous ingredients are also possible. Specific formulation details are proprietary.

Section 4: First Aid Measures

- If poisoning occurs, contact a doctor or Poisons Information Centre — Australia: **13 1126**, New Zealand: **0800 764 766**.
- Inhalation:** Dust from solid product may cause irritation if inhaled. Remove person to fresh air. Seek medical advice if effects persist.
- Skin Contact:** Gently brush away excess particles. Wash thoroughly with water for at least 5 minutes or until product is removed. Seek medical advice if irritation develops or persists.
- Eye Contact:** Solid product may cause irritation. If in eyes, flush immediately with clean, lukewarm water for at least 5–10 minutes, holding eyelids open. In all cases of eye contamination it is a sensible precaution to seek medical advice.
- Ingestion:** Rinse mouth with water. If swallowed, do **NOT** induce vomiting. Give a glass of water to drink. Never give anything by mouth to an unconscious person. Seek medical advice.
- Notes to Physician:** Treat symptomatically.

Section 5: Fire Fighting Measures

- Hazchem Code: Not applicable.
- Flammability: Does not burn. Non-combustible material.
- Suitable extinguishing media: If material is involved in a fire, use water fog, alcohol resistant foam, standard foam, or dry agent (carbon dioxide, dry chemical powder).
- No significant fire decomposition products are expected from this product at temperatures normally achieved in a fire.

Section 6: Accidental Release Measures

- **Small Spills:** Wear appropriate protective equipment to prevent skin and eye contact. Avoid inhalation of dust. Sweep or collect product and place in labelled, sealed containers for disposal or recovery.
- **Large Spills:** Clear area of unprotected personnel. Product may be slippery when spilt. Wear full protective equipment. Avoid generating dust. Sweep or vacuum up carefully and collect in properly labelled containers. Prevent entry into drains or waterways.
- In the event of significant environmental release, advise relevant authorities.

Section 7: Handling and Storage

- **Handling:** Avoid eye contact and repeated or prolonged skin contact. Avoid inhalation of dust. Minimise quantities kept in work areas. Always wash hands before eating, drinking, smoking, or using the toilet.
- **Storage:** Store in a cool, dry, well-ventilated place and out of direct sunlight. Keep containers tightly closed when not in use. Store away from foodstuffs and incompatible materials (see Section 10).

Section 8: Exposure Controls and Personal Protection

- National occupational exposure limits: No value assigned for this specific material by Safe Work Australia.
- Biological Limit Values: No biological limit allocated for the ingredients in this material.
- Ventilation: Natural ventilation should be adequate under normal use conditions. Ensure dust levels are minimised.
- **Personal Protective Equipment (handling bulk quantities):** Safety shoes, impervious gloves, safety glasses or goggles, and a suitable dust mask where dusty conditions may arise.
- Protective material types: Cotton, rubber, PVC.
- Hygiene measures: Keep away from food, drink, and animal feeding stuffs. Always wash hands after handling.

Section 9: Physical and Chemical Properties

Physical Description & Colour	White to off-white crystalline solid
Odour	No odour
Boiling Point	Not available
Freezing / Melting Point	Melts in a range above 100°C
Volatiles	Nil at 100°C
Vapour Pressure	Nil at normal ambient temperatures
Specific Gravity	Approx. 1.6–1.8
Water Solubility	Soluble
pH	pH neutral (expected)
Flammability	Does not burn
Autoignition Temperature	Not applicable
Particle Characteristics	Granular/crystalline solid. Not expected to contain significant respirable particles under normal handling.

Section 10: Stability and Reactivity

- Chemical stability: This material is thermally stable when stored and used as directed.
- Conditions to avoid: Elevated temperatures, moisture ingress into storage containers, and sources of ignition.
- Incompatible materials: Strong oxidising agents, strong acids.
- Hazardous decomposition products: May release hydrogen chloride gas and chlorine-related compounds under extreme conditions (e.g., fire or contact with strong acids).
- Hazardous reactions: No known hazardous reactions under normal conditions.
- Polymerisation: Will not undergo polymerisation reactions.

Section 11: Toxicological Information

No adverse health effects are expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled or overexposure occurs:

Acute Effects:

- Inhalation: Dust of the solid product may act as an irritant to mucous membranes and the respiratory tract.
- Skin contact: Contact with solid product may result in localised irritation. Product is not classified as corrosive or a skin sensitiser.
- Ingestion: Swallowing the solid product may result in nausea, vomiting, and irritation of the gastrointestinal tract.
- Eye contact: Dust or particulates may cause physical irritation. Product is not classified as corrosive to eyes.

Chronic Toxicity:

- Mutagenicity: This material has been classified as non-hazardous.
- Carcinogenicity: No significant ingredient is classified as carcinogenic by SWA, NTP, or IARC.
- Reproductive toxicity: This material has been classified as non-hazardous.
- Specific target organ toxicity (repeated exposure): This material has been classified as non-hazardous.

Section 12: Ecological Information

- This product is unlikely to adversely affect the environment when used as directed.
- Acute aquatic hazard: Classified as non-hazardous. Mineral salts are typically diluted and dispersed when released to the environment in small quantities.
- Long-term aquatic hazard: Classified as non-hazardous.
- Bioaccumulative potential: Not expected to bioaccumulate.
- Ecotoxicity, persistence and degradability: No specific information available.

Section 13: Disposal Considerations

- Persons conducting disposal, recycling, or reclamation activities should ensure appropriate personal protective equipment is used (refer to Section 8).
- This product may be recycled if unused and uncontaminated. If material cannot be recycled, dispose in accordance with all applicable local, regional, national, and international regulations.
- Consider disposal to an approved waste facility. Do not discharge to waterways or sewers in large quantities without appropriate authorisation.

Section 14: Transport Information

- Road and Rail Transport (Australia): Not classified as Dangerous Goods by the criteria of the Australian Code for the Transport of Dangerous Goods by Road & Rail.
- Road and Rail Transport (New Zealand): Not classified as Dangerous Goods by the criteria of NZS5433.
- Marine Transport: Not classified as Dangerous Goods by the criteria of the IMDG Code.
- Air Transport: Not classified as Dangerous Goods by the criteria of the IATA Dangerous Goods Regulations.
- UN Number: None allocated.

Section 15: Regulatory Information

This material is not subject to the following international agreements:

- Montreal Protocol (Ozone depleting substances)
- The Stockholm Convention (Persistent Organic Pollutants)
- The Rotterdam Convention (Prior Informed Consent)
- Basel Convention (Hazardous Waste)
- International Convention for the Prevention of Pollution from Ships (MARPOL)

All components of this product are listed on or exempt from the Australian Inventory of Chemical Substances (AICS) and the New Zealand Inventory of Chemicals (NZIoC).

Section 16: Other Information

This SDS contains only safety-related information. For other data see product literature.

This SDS is prepared in accordance with the SWA document "Preparation of Safety Data Sheets for Hazardous Chemicals — Code of Practice" (July 2020) and GHS Revision 7.

THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE. IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED, CONTACT THE SUPPLIER.

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| Please read all labels carefully before using this product.