

MATERIAL SAFETY DATA SHEET

Section 1: Product Identifier and chemical identity

Product Identifier:	Eco Clear Minerals
Product Nature:	Blend of inorganic salts
Recommended Use of the Product:	Pool maintenance product
Product Creation Date:	October 2018
MSDS Issue Date:	July 2020
Details of Manufacturer / Importer	Maytronics https://www.maytronics.com.au Unit 2, No 91 Rudd Street, Oxley QLD 4075 1300 693 657 infoau@maytronics.com techau@maytronics.com
Emergency Phone Number	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 criteria of Safe Work Australia.
- Poison Schedule: Not Applicable
- Australian Dangerous Good 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 Good Classification: Not classified as Dangerous Goods by the criteria of the "New Zealand NZS5433: Transport of Dangerous Goods on Land"

Section 3: Composition and Information on Ingredients

- Magnesium minerals > 60%
- Other (chloride) minerals 30 – 60%
- "Other non hazardous minerals and materials <10%"

Section 4: First Aid Measures

- If poisoning occurs, contact a doctor or Poisons Information Centre: Australia, contact number 131 126. New Zealand, contact number 0800 764 766.
- Inhalation: Dust from solid product may cause irritation if inhaled. Seek medical advice if effects persist.
- Skin Contact: Particulates from solid product may cause localized irritation. If swelling, redness, blistering or irritation occurs seek medical assistance.
- Eye contact: Solid product may cause irritation. If in eyes wash out immediately with water. 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 the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.
- Notes to physician: Treat symptomatically

Section 5: Fire Fighting Measures

- Hazchem Code: Not applicable.
- Suitable extinguishing media: If material is involved in a fire use water fog (or if unavailable fine water spray), alcohol resistant foam, standard foam, dry agent (carbon dioxide, dry chemical powder).
- Specific hazards: Non-combustible material.
- Fire fighting further advice: Not applicable.

Section 6: Accidental Release Measures

- Small Spills: Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours or dust. Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal.
- Large Spills: Clear area of all unprotected personnel. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of dust. Work up wind or increase ventilation. Sweep or vacuum up, but avoid generating dust. Collect and seal in properly labelled containers or drums for disposal.
- Dangerous Goods: Initial Emergency Response Guide No: Not applicable

Section 7: Handling and Storage

- Handling: Avoid eye contact and repeated or prolonged skin contact. Avoid inhalation of dust.
- Storage: Store in a cool, dry, well ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Keep packaging closed when not in use

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: As per the "National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)" the ingredients in this material do not have a Biological Limit Allocated.
- National occupational exposure limits: Natural ventilation should be adequate under normal use conditions.
- Personal Protection Equipment (Handling Bulk Quantities): Safety Shoes, Gloves, Safety Glasses, Dust Mask
- Hygiene measures: Keep away from food, drink and animal feeding stuffs. Avoid inhalation of dust. Avoid eye contact and repeated or prolonged skin contact. Always wash hands before smoking, eating, drinking or using the toilet.

Section 9: Physical and Chemical Properties

- Physical Description and Colour: White crystalline powder solid.
- Odour: No odour.
- Boiling Point: Not available.
- Freezing/Melting Point: Melts in a range above 120°C
- Volatiles: Nil at 100°C.
- Vapour Pressure: Nil at normal ambient temperatures.
- Vapour Density: Not applicable.
- Specific Gravity: Approx 1.8
- Water Solubility: Soluble.
- pH: pH neutral.
- Volatility: Nil at normal ambient temperatures.
- Odour Threshold: No data.
- Evaporation Rate: Not applicable.
- Coeff Oil/water Distribution: No data
- Viscosity: Not applicable.
- Autoignition temp: Not applicable - does not burn.

Section 10: Stability and Reactivity

- Chemical stability: This material is thermally stable when stored and used as directed.
- Conditions to avoid: Elevated temperatures and sources of ignition.
- Incompatible materials: Oxidising agents.
- Hazardous decomposition products: Hydrochloric acid and chlorine gas.
- Hazardous reactions: No known hazardous reactions

Section 11: Toxicological Information

No adverse health effects 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 and overexposure occurs are:

Acute Effects:

- Inhalation: Dust of solid product may be an irritant to mucous membranes and respiratory tract.
- Skin contact: Contact of solid product with skin may result in localized irritation.
- Ingestion: Swallowing the solid product can result in nausea, vomiting and irritation of the gastrointestinal tract.
- Eye contact: Exposure to the dust of the solid product may cause discomfort due to particulate nature. May cause physical irritation to the eyes.

Acute Toxicity:

- Inhalation: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >5 mg/L

- Skin contact: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >2,000 mg/Kg
- Ingestion: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >2,000 mg/Kg
- Corrosion/Irritancy: Eye: this material has been classified as not corrosive or irritating to eyes. Skin: this material has been classified as not corrosive or irritating to skin.
- Sensitisation: Inhalation: this material has been classified as not a respiratory sensitiser. Skin: this material has been classified as not a skin sensitiser.
- Aspiration hazard: This material has been classified as non-hazardous.
- Specific target organ toxicity (single exposure): This material has been classified as non-hazardous.

Chronic Toxicity:

- Mutagenicity: This material has been classified as non-hazardous.
- Carcinogenicity: This material has been classified as non-hazardous.
- Reproductive toxicity (including via lactation): 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

- Acute aquatic hazard: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >100 mg/L
- Long-term aquatic hazard: This material has been classified as non-hazardous. Acute toxicity estimate (based on ingredients): >100 mg/L
- Ecotoxicity: No information available.
- Persistence and degradability: No information available.
- Bioaccumulative potential: No information available.
- Mobility: No information available.

Section 13: Disposal Considerations

- Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see "Section 8. Exposure Controls and Personal Protection" of this SDS.
- If possible material should be recycled. If material cannot be recycled, dispose in accordance with local, regional, national and international Regulations.

Section 14: Transport Information

- Road and Rail Transport: Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".
- Marine Transport: Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.
- Air Transport: Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

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)

This material/constituent(s) is covered by the following requirements:

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