

Material Safety Data Sheet

EAS-MCE20

1. Product and Company Identification

Product Name: EAS-MCE20

Product Type: Mineral-based Water Treatment Solution

Recommended Use: Aquariums, garden ponds, effluent water treatment

Supplier (NZ):

Springfield International Limited

1/27 James Evans Drive, Northcote, Auckland 0627

Tel +64 27 419 7412

Email nzkspark@xtra.co.nz

2. Hazard(s) Identification

Classification:

Not classified as hazardous according to NZ GHS criteria

Label Elements:

- No hazard pictograms required
- Signal Word: None

Precautionary Statements:

- Keep out of reach of children
- Avoid contact with eyes
- In case of skin contact, none to be known
- If ingested, possible nauseousness, emesis, stomachache, diarrhea

3. Composition / Information on Ingredients

Chemical Nature: Mineral-based aqueous solution

Components: Natural mineral extracts

Material name	CAS Number	Material name	CAS Number
Water	7732-18-05	Chestnut Tree	92113-25-2
Feldspar Porphyry	68476-25-5	Oak	68917-11-3
Red Ocher	37338-85-5	Tea Tree	308064-79-1
Zeolite	68989-22-0	Pine needles	8000-26-8

Hazardous Ingredients: None known

4. First Aid Measures

Inhalation: Move to fresh air

Skin Contact: Wash with water

Eye Contact: Wash eyes with water and get medical attention

Ingestion: Rinse mouth, seek medical advice if unwell

5. Fire-Fighting Measures

Flammability: Non-flammable

Suitable Extinguishing Media: Water spray, foam, dry chemical

Hazards from Combustion: No hazardous combustion products expected

6. Accidental Release Measures

Personal precautions: for safety, wear a protective mask and safety glasses while working

Environmental precautions: avoid uncontrolled contact with environment

7. Handling and Storage

Handling:

- Avoid direct contact with eyes
- Use general hygiene practices

Storage:

- Store in a cool, dry place
- Keep container tightly closed

8. Exposure Controls / Personal Protection

Exposure Limits: Not established

Engineering Controls: General ventilation

PPE:

- Gloves (recommended)
- Eye protection (recommended)
- Skin protection (recommended)

9. Physical and Chemical Properties

Appearance: Liquid

Odour: Mild natural odour

pH: 4.0 +/- 1.0

Solubility: 50°C +/- 5°C, dissolved

Substrate of explosion: none

Specific gravity: 1.30 +/- 0.05

10. Stability and Reactivity

Stability: Stable under normal conditions

Conditions to Avoid: direct sunlight and heat

Incompatible Materials: Strong acids or oxidizers

11. Toxicological Information

- No known acute toxicity
- Not expected to cause irritation under normal use

12. Ecological Information

Toxicity, Mobility, Persistence, Degradability: not applicable

Safe for aquatic life when used as directed

13. Disposal Considerations

Dispose in accordance with local regulations

14. Transport Information

Not classified as dangerous goods

No special transport requirements

15. Regulatory Information

Complies with NZ requirements under:

- Environmental Protection Authority
- NZ GHS framework

16. Other Information

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