

Material Safety Data Sheet

1. IDENTIFICATION OF SUBSTANCE AND COMPANY

Product name: Rocastem
Company name: Terralift Ireland Ltd
UK Office: 18 The Grove, Market Deeping, Lincs, PE6 8AW,
United Kingdom

2. COMPOSITION / INFORMATION ON INGREDIENTS

Analysis: Part A – Blend of plant derived surface active agents and organic acids.
Part B – Blend of microbially digested proteins, plant extracts and co-metabolites
Non-pathogenic fermentation material
Product description: Liquid soil conditioner for turf
Intended use: For use only as a turf /garden treatment

3. HAZARDS IDENTIFICATION

Unlikely to cause harmful effects under normal conditions of handling and use

Classification: None
Ingestion: Very low hazard
Eye contact: Possible irritation
Skin contact: Possible irritation
Skin absorption: Very low hazard
Inhalation: Very low hazard

4. FIRST AID MEASURES

Accidental over-exposure may require the following actions:

Ingestion: Rinse out mouth with plenty of water and seek medical aid immediately.
Eye Contact: Irrigate with water thoroughly and seek medical advice.
Skin Contact: Wash with soap and water. Remove and wash contaminated clothing.
Inhalation: Remove to fresh air and seek medical aid.

5. FIRE FIGHTING MEASURES

Not flammable. May produce fumes if heated.

Protection of fire fighters: Wear protective gear and breathing apparatus

Additional information:	Use water, dry powder, foam or carbon dioxide.
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6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Refer to Section 8. Exposure controls/personal protection. Spilled material may cause surfaces to become slippery.
Environmental precautions:	Prevent material or washings entering water courses
Clean-up method:	Contain spill, transfer to suitable vessel and keep safe for disposal.

7. HANDLING & STORAGE

Store in original containers, tightly closed in a secure, well ventilated, dry area.

Shelf life:	2 years
Product packaging:	Cardboard box containing 6 x 1 litre plastic bottles
Special precautions:	Do not allow to freeze (0°C)

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection:	Wear approved mask where spray mist may be contacted
Hand protection:	Neoprene gloves
Eye protection:	Safety goggles
Skin protection:	Suitable work wear
Work / Hygienic practices:	Wash hands before eating or drinking

9. PHYSICAL & CHEMICAL PROPERTIES

Physical state:	Liquid
Appearance / odour:	Dark brownish, slight odour
pH:	Part A = 10, Part B = 6.8
Flash point:	None
Flammability:	Not flammable
Explosive behaviour:	None
Oxidising properties:	None
Vapour pressure:	Not applicable
Specific gravity:	1.12
Water solubility:	Miscible
Other data:	None

10. STABILITY & REACTIVITY

Stable under normal conditions.

Conditions to avoid:	Extremes of temperature
Incompatible with:	Strong oxidisers, acids and alkalis. Adding to diluted solutions containing K or Fe above 20% may cause nutrients to precipitate.

Hazardous decomposition products:	Carbon dioxide, carbon monoxide and other undetermined by-products of organic combustion
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11. TOXICOLOGICAL INFORMATION

Ingestion:	May cause nausea. No toxic effect expected. Irritation to digestive system may occur
Skin contact:	Not considered to be toxic by skin contact
Eye contact:	Irritation to eyes may occur

12. ECOLOGICAL INFORMATION

Ecotoxicity:	Material is not toxic to the environment
Mobility:	Predominantly soluble
Persistence and degradability:	Unlikely to accumulate in the environment
Bio accumulative potential:	Low
Other adverse effects:	None

13. DISPOSAL CONSIDERATIONS

Dispose of waste through a waste disposal contractor in accordance with local laws.

14. TRANSPORT INFORMATION

Not classified as dangerous for transport

15. REGULATORY INFORMATION

Hazard code:	Not classified as dangerous for supply
Registration Number:	Not applicable

16. OTHER INFORMATION

The information given in this publication should be considered a guide only, and not a warranty or representation for which we assume a legal responsibility. It is the responsibility of the user to determine the accuracy and applicability of such information and the suitability of any product for its own particular purpose. The buyer and user assume all risk and liability of storage conditions or locally applicable laws or government regulations.

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