

Safety Data Sheet - SEA SPRAY™

Fish Hydrolysate Liquid Fertiliser



1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

Product name: Ocean2Earth SEA SPRAY (Fish Hydrolysate)

Synonyms: SEA SPRAY

Recommended use: Organic fertiliser and biostimulant for agricultural and horticultural applications, including foliar and fertigation use.

Supplier: Ocean2Earth Pty Ltd

ABN: 29 636 284 416

Website: www.ocean2earth.com.au

Email: info@ocean2earth.com.au

Telephone: 1300 400 438

Emergency Telephone number: 000 (Australia only)

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture:

Not classified as hazardous according to the Globally Harmonised System (GHS) of Classification and Labelling of Chemicals.

LABEL ELEMENTS

Hazard Statements: None

Precautionary Statements:

- Avoid breathing vapour or mist.
- Avoid contact with eyes and skin.
- Use in a well-ventilated area.
- Wash thoroughly after handling.

3. COMPOSITION INFORMATION

Ingredient	CAS No.	Proportion
Fermented fish biomass	Not Assigned	70–80%
Non-chlorinated water	7732-18-5	10–15%
Proprietary microbial and sugar blend	Not Assigned	5–10%

Note: No hazardous components are present above threshold levels.

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4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

Inhalation: Remove affected person to fresh air. Seek medical advice if symptoms persist.

Skin Contact: Wash with soap and water. Remove contaminated clothing.

Eye contact: Rinse with clean water for at least 15 minutes. Seek medical advice if irritation persists.

Ingestion: Rinse mouth. Do not induce vomiting. Seek medical advice if symptoms develop.

Advice to Doctor: Treat symptomatically.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Use water spray, dry chemical, foam or carbon dioxide.

Specific Hazards Arising from the Product: Carbon monoxide, carbon dioxide, and nitrogen compounds may be emitted in case of fire.

Protective Equipment for Firefighters: Wear self-contained breathing apparatus and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Avoid contact with skin and eyes. Ensure adequate ventilation.

Environmental Precautions: Avoid large releases to waterways and drains.

Methods for Cleaning Up: Absorb spills with earth, sand, or absorbent material. Collect and dispose of in accordance with local regulations.

7. HANDLING AND STORAGE

Handling: Use in well-ventilated areas. Avoid splashing and contact with skin and eyes.

Storage: Store in sealed, labelled containers in a cool, shaded area. Keep away from foodstuffs and out of reach of children. Ideal pH for stable product is ~4. Do not store in direct sunlight.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards: No exposure standard allocated.

Engineering Controls: General ventilation is usually adequate. Local exhaust ventilation may be required in enclosed areas.

Personal Protective Equipment (PPE):

- Eye Protection: Safety goggles
- Skin Protection: Protective gloves and long sleeves
- Respiratory Protection: Not typically required. Use mask in confined or misting environments.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Appearance	Brown liquid
Odour	Mild fish odour
pH (10% slurry)	~4.0
Boiling Point	>100°C
Melting Point	Not applicable
Flash Point	Not applicable
Solubility in water	Completely miscible
Specific Gravity	~1.10
Viscosity	Moderately viscous

10. STABILITY AND REACTIVITY

Chemical stability: Stable under normal conditions.

Conditions to avoid: Heat, direct sunlight, and contamination with incompatible materials.

Incompatible materials: Strong oxidising agents and strong acids.

Hazardous decomposition products: Carbon monoxide, carbon dioxide, ammonia and nitrogen oxides may form on combustion.

11. TOXICOLOGICAL INFORMATION

ACUTE EFFECTS

Potential Health Effects:

- Inhalation: Inhalation of vapours or mists may cause mild irritation.
- Skin: May cause mild irritation on prolonged contact.
- Eyes: May cause irritation on contact.
- Ingestion: Not expected to be toxic, but large volumes may cause nausea.

CHRONIC EFFECTS None known.

Toxicity Data: No data available for the mixture. Based on ingredients, not expected to be hazardous.

12. ECOLOGICAL INFORMATION

Ecotoxicity: Biodegradable. Low risk to aquatic life in diluted forms.

Avoid uncontrolled discharge into waterways.

Persistence and degradability: Biodegradable under aerobic and anaerobic conditions.

Bioaccumulative potential: Not expected to bioaccumulate.

Mobility: Water soluble and mobile in soil.

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13. DISPOSAL CONSIDERATIONS

Disposal Methods: Dispose of product and container in accordance with local regulations. Do not release into sewers or waterways. Dilute small quantities with water and use on pasture or compost if appropriate.

14. TRANSPORT INFORMATION

UN Number: Not regulated

Proper Shipping Name: Not applicable

Dangerous Goods Class: Not applicable

Packing Group: Not applicable

Special Precautions: Ensure container is upright and sealed to prevent leakage.

15. REGULATORY INFORMATION

Classification: Not classified as hazardous under GHS.

Poisons Schedule (Aust): Not scheduled

Inventory Listing: All ingredients are listed on the Australian Inventory of Industrial Chemicals (AIIC).

16. OTHER INFORMATION

Date of Preparation: 20 May 2025

Version: 1.2

Prepared by: Ocean2Earth Pty Ltd

Disclaimer:

This SDS is provided in good faith and is believed to be accurate at the date of issue. Ocean2Earth Pty Ltd makes no warranty, expressed or implied, regarding the accuracy or completeness of this information. The user is responsible for ensuring the product is suitable for their specific application.