

Seablend 12-0-12 Plus

Safety Data Sheet

Prepared according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date: 07/14/2025 Supersedes: N/A Version: 1.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: Seablend 12-0-12 Plus

Product form: Mixture

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture: Soil Surfactant on granular fertilizer

1.3. Details of the supplier of the safety data sheet

Ocean Organics Corp.

P.O. Box 1448

Waldoboro, ME 04572

888-312-0106

1.4. Emergency telephone number

1-207-542-3808

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS-US classification

Serious eye damage: Category 1

2.2. Label elements

GHS-US labelling

Hazard pictogram:



Signal Word: Warning

Hazard Statement: H303 – May be harmful if swallowed

H315 – Causes skin irritation

H319 – Causes serious eye irritation

Precautionary Statement: (PREVENTION)

P264 – Wash thoroughly after handling

P270 – Do not eat, drink, or smoke when using this product

P280 – Wear protective gloves

(RESPONSE)

P301+P312 – IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P330 – Rinse mouth.

P302+P352 – IF ON SKIN: Wash with plenty of soap and water.

P305+P351+P338 – IF IN EYES: Rinse cautiously with water for 20 minutes.

Remove contact lenses, if present, and it is easy to do. Continue rinsing.

P337+P313 – If eye irritation persists: Get medical advice/attention.

2.3. Other hazards

None known

2.4. Unknown acute toxicity (GHS-US)

No data available

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SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%
Polyalkylene glycols	9003-11-6	≥ 0.5 - < 0.02 %
Granular seaweed carrier	n/a	90 - 98%

SECTION 4: First aid measures

4.1. Description of first aid measures

Routes of Exposure and Symptoms:

Ingestion: Overexposure may cause gastrointestinal irritation, diarrhea, and vomiting.

Eyes: Overexposure causes excessive watering, redness, and stinging.

Skin: Overexposure may cause itching and redness similar to a rash.

First Aid Response:

Ingestion: Contact a physician or poison control center. If the victim is conscious and able to swallow, give water to dilute. Do not give sodium bicarbonate, vinegar, or fruit juices. Never give anything by mouth if the victim is unconscious or having convulsions. Induce vomiting only on the advice of a physician. Vomiting may occur spontaneously.

Eye contact: In case of contact with eyes, flush immediately with copious amounts of water. Continue flushing for at least 15 minutes. Seek medical attention!

Skin contact: If you contact skin, immediately flush it with plenty of water. Get medical attention if irritation develops or persists. Wash contaminated clothing before re-use.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Water spray, Foam, Dry Chemical, Carbon Dioxide (CO₂)

Unsuitable extinguishing media: None known.

5.2. Special hazards arising from the substance or mixture

Fire hazard: Product is not combustible.

Explosion hazard: Product is not explosive.

Reactivity: The product is non-reactive under normal conditions of use, storage, and transport.

5.3. Advice for firefighters

Firefighting instructions: Use cold water spray to cool fire-exposed containers to minimize the risk of rupture. Do not dispose of firefighting water in the environment. Dispose of in accordance with relevant local regulations. Prevent human exposure to fire, fumes, smoke, and combustion products.

Protection during firefighting: Do not enter the fire area without proper protective equipment, including respiratory protection.

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment, and emergency procedures

General measures: Ventilate the area. Remove ignition sources. Evacuate the area.

6.1.1. For non-emergency personnel

Protective equipment: Wear protective equipment as described in Section 8.

Emergency procedure: Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment: For further information, refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

The product is used as a fertilizer and, as such, may enter the environment. The product is not expected to pose a hazard to the environment, but large quantity releases should be avoided.

6.3. Methods and materials for containment and cleaning up

For containment: Sweep or shovel spills into an appropriate container for disposal.

Methods for cleaning up: Eliminate ignition sources. Sweep or shovel spills into the appropriate container for disposal. Place in a suitable container for disposal in accordance with the waste regulations (see Section 13).

6.4. Reference to other sections

See Sections 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling: Wear personal protective equipment. Do not handle until all safety precautions have been read and understood. Ensure good ventilation of the workstation.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Keep the container closed when not in use. Store in a cool, dry place.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Appropriate engineering controls: Provide adequate general and local exhaust ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof equipment with flammable materials. Ensure adequate ventilation, especially in confined areas.

Personal protective equipment: Gloves. Safety glasses.



Hand protection: Wear gloves suitable for this specific application.

Eye protection: Wear eye protection suitable for the environment. Avoid direct contact with the eyes. Skin and body protection: Wear long sleeves and chemically impervious PPE/coveralls to minimize bodily exposure. Respiratory protection: In case of inadequate ventilation, wear respiratory protection.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Solid

Color: Light to dark brown.

Odor: Slight. Slight marine odor.

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Odor Threshold: No data available
pH No data available
Relative evaporation rate (butylacetate=1): No data available
Melting point: No data available
Freezing point: No data available
Boiling point: No data available
Flash point: No data available
Auto-ignition temperature: No data available
Decomposition temperature: No data available
Flammability (solid, gas): No data available
Vapour pressure: No data available
Relative vapour density at 20 °C: No data available
Density: 35 – 45 lbs / cubic foot.
Solubility: Not soluble in water.
Log Pow: No data available
Log Kow: No data available
Viscosity, kinematic: No data available
Viscosity, dynamic: No data available
Explosive properties: No data available
Oxidising properties: No data available
Explosive limits: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal use, storage, and transport conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

Ignition sources. Extremely high or low temperatures.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

Carbon monoxide (CO), carbon dioxide (CO₂).

SECTION 11: Toxicological information

11.1. Information on toxicological effects

This product has not been tested. Information provided here has been derived from substances/products of similar structure or composition.

Acute oral toxicity (LD50) (mg/kg bodyweight): Acute toxicity, oral, Category 5

Dermal toxicity (LD50) (mg/kg bodyweight): No applicable information available

Skin: Skin irritant, Category 2

Eye: Eye irritant, Category 2A

Dusts & Mists (mg/l) No applicable information is available

Carcinogenicity: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen by OSHA

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SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicological information: Not determined

Bioaccumulation: Not determined

12.2. Persistence and degradability

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Persistence and degradability

No data available.

12.3. Bioaccumulative potential

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Bioaccumulative potential

No information available.

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste treatment methods: Do not discharge to public wastewater systems without permission from the pollution control authorities. No discharge to

Surface waters are allowed without an NPDES permit.

Waste disposal recommendations: Dispose of the product in a safe manner in accordance with local/national regulations. Do not allow the product to be released into the environment.

SECTION 14: Transport information

In accordance with DOT

Not hazardous for transport

Additional information

Other information: No supplementary information available.

Transport by sea

No additional information available

Air transport

No additional information available

SECTION 15: Regulatory information

15.1. US Federal regulations

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All chemical substances in this product are listed in the EPA (Environmental Protection Agency) TSCA (Toxic Substances Control Act) Inventory or are exempt

SARA Section 311/312 Hazard Classes

None

U.S. Federal Regulation: International Regulations:

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TSCA Registered: Yes
TSCA (a) SNUR: No
R&D Exemption: Unknown

15.2. International regulations

No additional information available.

15.3. US State regulations

This product does not contain any substances known to the state of California to cause cancer and/or reproductive harm

Ammonium sulfate (7783-20-2)

U.S. - Massachusetts - Right To Know List
U.S. - Pennsylvania - RTK (Right to Know) List
U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

Ferrous sulfate heptahydrate (7782-63-0)

U.S. - Pennsylvania - RTK (Right to Know) List
U.S. - Massachusetts - Right To Know List
U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

SECTION 16: Other information

Indication of changes: Revision 1.0: New SDS Created.

Revision date: n/a

Other information : Author: SNW.

NFPA health hazard: 1 - Exposure under fire conditions would offer no hazard beyond that of ordinary combustible materials.



NFPA fire hazard 1 - Must be preheated before ignition can occur.

NFPA reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.

HMIS III Rating

Health 1

Flammability: 1

Physical : 0

Personal Protection: B

This information is based on our current knowledge and is intended to only describe the product for health, safety, and environmental requirements. It should not, therefore, be construed as guaranteeing any specific property of the product.