



SeaBlend 12-4-5 Plus

Safety Data Sheet

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

Revision date: 09/03/2025 Supersedes: NA Version: 1.0

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

1.1. Product identifier

Product name: SeaBlend 12-4-5 Plus

Product form Mixture

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

Use of the substance/mixture: 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

Not classified

2.2. Label elements

GHS-US labelling

No labelling applicable

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS-US)

No data available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%
Polyalkylene glycols	9003-11-6	$\geq 0.5 - < .02$ %
Granular seaweed carrier	n/a	90 - 98%

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general: Get medical attention/advice if exposed or concerned. Show this safety data sheet to the doctor in attendance.

Wash contaminated clothing before re-use. Never give anything to an unconscious person.

First-aid measures after inhalation: I F INHALED: Remove to fresh air and keep at rest, comfortable for breathing.

First-aid measures after skin contact: IF ON SKIN (or clothing): Remove affected clothing and wash all exposed skin with water for at least 15 minutes.

First-aid measures after eye contact IF IN EYES: Immediately flush with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do so. Continue rinsing.

First-aid measures after ingestion: IF SWALLOWED: rinse mouth thoroughly. Do not induce vomiting without advice from the poison control Center or a medical professional. Get medical attention if you feel unwell.

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4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries: Not expected to present a significant hazard under anticipated conditions of normal use. Symptoms/injuries after inhalation: May cause respiratory irritation.

Symptoms/injuries after skin contact may cause skin irritation.

Symptoms/injuries after eye contact: Direct contact with the eyes is likely to be irritating.

Symptoms/injuries after ingestion: May cause gastrointestinal irritation.

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. Carbon dioxide. Dry powder. Foam. Sand.

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 instruction: 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.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment, and emergency procedures

General measure: 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 procedures: 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. It is not expected to pose a hazard, 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. Stay away from heat, hot surfaces, sparks, open flames, and other ignition sources. Do not smoke.

7.2. Conditions for safe storage, including any incompatibilities

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

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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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 that is 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: Green or Brown.

Odor: Slight. Slight marine odor.

Odor Threshold: No data available

pH: 6

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

Relative density: No data available. Solubility: ty Partially 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. Excessively high or low temperatures.

10.5. Incompatible materials

None known.

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10.6. Hazardous decomposition products

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

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity: Not classified

Skin corrosion/irritation: Not classified

Serious eye damage/irritation: Not classified

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive toxicity: Not classified

Specific target organ toxicity (single exposure): Not classified

Specific target organ toxicity (repeated exposure): Not classified

Aspiration hazard: Not classified

Symptoms/injuries after inhalation may cause respiratory irritation.

Symptoms/injuries after skin contact: May cause skin irritation.

Symptoms/injuries after eye contact: Direct contact with the eyes is likely to be irritating.

Symptoms/injuries after ingestion: May cause gastrointestinal irritation.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general: No information available.

12.2. Persistence and degradability

SeaBlend 12-4-5 Plus	
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 pollution control authorities. No discharge to surface waters are allowed without an NPDES permit.

Waste disposal recommendations: Safely dispose of the product in accordance with local/national regulations. Do not allow the product to be released into the environment.

SECTION 14: Transport information

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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

SeaBlend 12-4-5 Plus	
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

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: 09/03/2025

Other information : Author: SNG.

NFPA health hazard : 0 - 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.

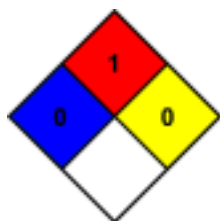
HMIS III Rating

Health: 0

Flammability: 1

Physical: 0

Personal Protection: B



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