

1. Identification

Product Name: Sea Star Soluble Concentrate (4-2-5-3Ca-2S)
Product Use: Fertilizers- Organic Soil & Plant Amendment
Manufacturer: Terra Biotics, Inc.
PO Box 1439
Deming NM 88031
1-877-519-8873
Emergency Telephone Number: Contact your local emergency response services

2. Hazard(s) Identification

Hazard Statement: Contains no hazardous components
Acute Toxicity:Oral: Not classified for Oral Toxicity
Acute Toxicity Dermal: Not classified for Dermal Toxicity
Ventilation: Good ventilation practices encouraged

3. Composition / Information on Ingredients

Guaranteed Analysis: Organic Nitrogen 4% Derived from Dried Fish Powder
Organic Phosphoric Acid (P205) 2% Derived from Soft Rock Phosphate
Organic Potassium 5% Derived from Potassium Sulfate
Organic Calcium 3% Derived from Soft Rock Phosphate
Sulfur 2% Derived from Potassium Sulfate

4. First Aid Measures

Eye Contact: Flush immediately with water for 15 minutes, lift eye lids. Seek medical attention if irritation persists.
Skin Contact: Wash with mild soap & flowing water. Wash contaminated clothing.
Inhalation: Move to fresh air. If breathing difficult administer oxygen or artificial respiration.
Ingestion: In case of accidental ingestion, do not induce vomiting. Drink plenty of water. Seek medical attention if symptoms occur.
Symptoms of exposure:
Eye Irritation: Irritation can occur on contact
Skin Irritation: Prolonged contact may cause irritation
Inhalation: Dust can cause irritation to the respiratory tract, sneezing & coughing
Ingestion: No known significant side effects
Indication of Immediate Medical Attention & Special Treatment Needed: In the event of an adverse response, treatment should be directed toward control of the symptoms

5. Fire Fighting Measures

Extinguishing Media: Water or Foam
Fire Hazard: Non-Combustible
Explosion Hazard: Not Applicable
Special Fire Fighting Procedures: Firefighters should wear full protective gear

6. Accidental Release Measures

Personal Precautions:	Keep unnecessary personnel out of spill area
Protective Equipment:	Goggles or face shield & gloves. Respiratory protection not normally needed
Environmental Precautions:	If large amounts spill, some vegetation damage is likely to occur
Emergency Procedures:	Water down with large amounts of water. Keep spilled product from entering waterways, drains or sewers
Methods & Materials Needed for Containment & Clean Up:	If uncontaminated, recover & reuse. If contaminated, the nature & extent of contamination may require disposal methods. Consult State or Federal environmental regulatory agencies.

7. Handling and Storage

Precautions for Safe Handling:	Wash thoroughly after handling. Keep out of reach of children.
Conditions for Safe Storage:	Keep in cool, dry, well ventilated area

8. Exposure Controls / Personal Protection

Appropriate Engineering

Controls:	Use with adequate exhaust ventilation
Hand protection:	Appropriate gloves recommended to prevent skin exposure
Eye Protection:	Splash goggles recommended. Eyewash should be available in working area
Skin & Body Protection:	Wear suitable working clothes to prevent skin exposure
Respiratory Protection:	Normally not needed

9. Physical and Chemical Properties

Appearance:	Powder	Specific Gravity / Density:	Not determined
Color:	Gray	Log Pow:	Not determined
Odor:	Fish	Auto-Ignition temperature:	Not determined
Solubility in Water:	95%	Decomposition Temperature:	Not determined
Boiling Point:	Not determined	Viscosity:	Not determined
Melting Point:	Not determined	Viscosity, Kinematic:	Not determined
Freezing Point:	Not determined	Viscosity, Dynamic:	Not determined
pH:	6.0-6.5	Explosion Limits:	Not determined
Relative Evaporation Rate:	Not determined	Explosive Properties:	Not determined
Flammability (solid,gas):	Not determined	Oxidizing Properties:	Not determined
Vapor Pressure:	Not determined		
Relative Vapor Density @ 20°C:	Not determined		
Relative Density:	Not determined		

10. Stability and Reactivity

Reactivity:	Not normally reactive
Chemical Stability:	Stable
Hazardous Polymerization:	Will not occur
Hazardous Decomposition Products:	None Known
Conditions To Avoid:	None
Incompatible Materials:	Reactive with oxidizing agents

11. Toxicological Information

Acute Toxicity:	None Known
Skin Corrosion:	None Known
Serious Eye Damage:	None Known
Respiratory or Skin Sensitization:	None Known
Germ Cell Mutagenicity:	None Known
Carcinogenicity:	None Known
Reproductive Toxicity:	None Known
Specific Target Organ Toxicity (Single Exposure):	None Known
Specific Target Organ Toxicity (Repeated Exposure):	None Known
Aspiration Hazard:	None Known

12. Ecological Information

Ecotoxicity:	No Known Effects
Persistence & Degradability:	No Known Effects
Bioaccumulative Potential:	No Known Effects
Mobility in Soil:	No Known Effects
Other Adverse Effects:	No Known Effects

13. Disposal Considerations

Waste Disposal Method:	Dispose of contents/container in accordance with local, state or federal regulations
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14. Transport Information

Freight Name/Classification:	Bulk Powder Fertilizing Compound, Class 50
Environmental Hazards:	None Known
Special Precautions:	None, Not classified as hazardous material

15. Regulatory Information:

US Federal & State:	Not Applicable
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16. Other Information

Waiver: The information provided is based on data we are aware of and which is believed to be correct as of the date hereof (Jan. 30, 2019). This information is intended for persons having related technical skills. Since conditions and manner of use are outside our control, we make no warranties, express or implied, and do not assume any liability or responsibility for the results of its use. The person receiving it shall make his/her determination as to the suitability of the material for his/her particular purpose.

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