

Terra Nova Research & Development, Inc
PO Box 1931
Stuart, FL 34995
(772)678-4242 FAX (772)286-8113

MATERIAL SAFETY DATA SHEET

Product Name: SeaCal

Date of Preparation: 10/01/2012

NFPA HAZARD RATINGS: Health(1), Fire(0), Reactivity(0).
(0)least (1)slight (2)moderate (3)high (4)extreme.

Section 1-CHEMICAL PRODUCT and COMPANY IDENTIFICATION

Manufacturer: Terra Nova Research & Development, Inc. PO Box 1931 Stuart FL 34995
Phone: 786-252-6442 **Emergency Telephone:** 772-285-2546 **ChemTel, Inc Phone:** 800-255-3924

Section 2-COMPOSITION/INFORMATION

HAZARDOUS INGREDIENT NAME None

This product is not considered hazardous under The Hazard Communication Standard 29 CFR 1910.1200.

Contains extracts kelp with calcium nitrate, magnesium nitrate, water and glucoheptonate.

The specific mixture of ingredients is considered to be a trade secret and is withheld in accordance with the provisions of 29 CFR 910.1200

Section 3-HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Potential Health Effects: Primary Entry Routes: Skin, ingestion. Target Organs: Skin, gastrointestinal tract. Acute Effects: Inhalation may cause allergic reaction. Ingestion may cause vomiting and diarrhea. Skin contact may cause irritation on sensitive skin. Chronic Effects: None known

Medical Conditions Aggravated by Long-Term Exposure: None known. Medical Conditions Aggravated by Exposure: None known.

Carcinogenicity: NTP? No OSHA Regulated? No

Section 4-FIRST AID MEASURES

Skin Contact: Wash with soap and water Ingestion: Induce vomiting. Consult a physician. Inhalation: Move victim to fresh air. Consult a physician

Note to Physicians: No specific antidote. Treat symptomatically

Section 5-FIRE FIGHTING MEASURES

Flash Point: NA. Flammability Classification: Non-flammable. Extinguishing Media: Foam, carbon dioxide, dry chemical or water fog. Unusual Fire or Explosion Hazards: None

Hazardous Combustion Products: None Fire-Fighting Instructions: Wear positive pressure, self-contained breathing apparatus and full protective clothing. Avoid smoke inhalation. Contain any liquid runoff.

Section 6-ACCIDENTAL RELEASE MEASURES

Spill/Leak Procedures: Collect liquid or absorb onto absorbent material and package for disposal.

Section 7- HANDLING and STORAGE

Handling Precautions: Avoid contact with skin, eyes and clothing. Do not take internally. Wash after handling. Do not contaminate water by disposal of equipment wash waters. Storage Requirements: Store in a cool, dry area preferably locked and out of reach of children.

Section 8-EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: In confined areas or where vapors or mist may be encountered, wear NIOSH/MSMA approved respirator.

Protective Clothing/Equipment: Not required..

Section 9-PHYSICAL/CHEMICAL PROPERTIES

Physical State: Light tan liquid

Solubility in Water: Soluble.

Specific Gravity (@ 68°F): 1.0

pH: °3.0 4.0

Section 10-STABILITY AND REACTIVITY

Stability: Stable under normal conditions of use and storage. DO NOT FREEZE. Polymerization: NO. Chemical Incompatibilities: Acid materials. Conditions to Avoid: Extreme heat. Do not freeze. Hazardous Decomposition Products: Oxides of carbon and phosphorus.

Section 11-TOXICOLOGICAL INFORMATION

Positive Teratogen/Mutagen/Carcinogen (NTP): NO Potential Carcinogen OSHA/IARC: NO.

Section 12-ECOLOGICAL INFORMATION

Accidental spills of undiluted product may cause vegetation kills. Keep out of any body of water.

Section 13-DISPOSAL CONSIDERATIONS

Disposal: Consult local, state or federal regulatory agencies for acceptable disposal procedures and locations. Disposal in waterways or sewers may be prohibited.

Section 14-TRANSPORT INFORMATION

DOT Transportation Data : Compound, non-corrosive fertilizer (manufactured fertilizer), liquid, NOIBN.

Section 15-REGULATORY INFORMATION

EPA Regulations: Not regulated by EPA under FIFRA or FQPA. OSHA Regulations: No. State Regulations: Check with specific state authorities since regulations vary within the states. **SARA Title III; Sections 311/312: Sudden Release of Pressure (N); Reactivity (N); Fire (N); Immediate (Acute) Health (Y); Delayed (Chronic) Health (N).**
All components are TSCA listed chemicals.

Section 16-OTHER INFORMATION

Format similar to ANSI Z400.1-1993.