

# Material Safety Data Sheet Roots Organics Extreme Serene 0-2-2

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Last Revision: December, 2009

Emergency Phone: (541) 913-9612

## Product Identification

Name: **Extreme Serene**

Chemical description: Organic Nutrients for Plants. Derived from: Kelp Extract (*Ascophyllum nodosum*), and saponins.

Hazardous components: None

Company: Aurora Innovations, Inc. (541) 359-1580 [www.aurorainnovations.com](http://www.aurorainnovations.com)

## Physical/Chemical Characteristics

|                     |                             |
|---------------------|-----------------------------|
| Boiling point       | Above 212 F                 |
| Vapor pressure      | Not determined              |
| Vapor density       | Not determined              |
| Evaporation rate    | Not determined              |
| Melting point       | NA                          |
| Specific gravity    | 1.2                         |
| pH                  | 3.9                         |
| Solubility in water | Completely soluble          |
| Appearance          | Brown to black thick liquid |
| Odor                | Non-offensive sweet smell   |

## Fire and Explosion Information

|                                    |                             |
|------------------------------------|-----------------------------|
| Flash point                        | Not applicable              |
| Flammable limits                   | Not determined              |
| Extinguishing media                | Water, CO <sub>2</sub>      |
| Special fire fighting procedures   | No special methods required |
| Special fire and explosion hazards | None                        |

## Reactivity Data

|                          |                               |
|--------------------------|-------------------------------|
| Stability                | Stable at normal temperatures |
| Conditions to avoid      | None                          |
| Incompatibility          | None                          |
| Hazardous decomposition  | None                          |
| Hazardous polymerization | Will not occur                |

## Spill or Leak Procedures

Contain spill to prevent discharge into the environment. Absorb spill with appropriate material and flush with water.

**Health Effects/First Aid Information**

Inhalation: Remove to fresh air, if breathing difficult, administer oxygen. Consult physician.

Eyes: Will irritate on contact, wash out quickly to remove all particulate matter.

Ingestion: If swallowed contact a physician immediately for course of action.

Skin: Avoid contact, may cause irritation. Wash with soap and water.

Carcinogenicity: Ingredients not listed as carcinogenic in NTP or IARC listings. Not OSMA regulated.

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**Precautions for safe handling and use:**

Respiratory protection: Not normally needed.

Ventilation: Typically none is required.

Protective gloves/clothing: Rubber or plastic if contact expected.

Eye protection: Chemical splash goggles recommended where splash hazard is possible.

Work practices: Use good housekeeping practices. Keep containers tightly closed.

Precautions for storing and handling: Avoid storage areas with high temperatures or direct sunlight.

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