

Deep Sea Kelp – Material Safety Data Sheet

Manufacturer: Soilsmart NSW
Address P O Box 340, Seven Hills NSW 1730
Phone (02) 9831 4309
Fax (02) 9831 4309
Web Site www.soilsmart.com.au
Email paul@soilsmart.com.au

GENERAL INFORMATION:

Product Name: Deep Sea Kelp
Product Code: DSK-5
Botanical Name: *Ascophyllum Nodosum*
Product Classification: Organic Seaweed Powder
Poisons Schedule: None allocated

IDENTIFICATION:

UN Number: N/A
Hazchem Code: N/A
Dangerous Goods Class: N/A
Packaging Group: N/A
Poisons Schedule: N/A
Use: Organic fertiliser, soil conditioner and biological stimulant

PHYSICAL DESCRIPTION/PROPERTIES:

Appearance and Odour:
pH: No available
Solubility in Water: 100%
Density (kg/l): No available
Volatiles (%w/w): Not relevant
Flammability Limits: Combustible solid, produces oxides of carbon when burning.
Evaporation Rate: Low
Ingredients: Seaweed 100% Pure

HEALTH HAZARD INFORMATION:

This material is classed as non-hazardous and generally classed as non-harmful through short-term or intermittent exposure, however care should be taken to avoid contact with eyes and because it is not a food-grade product it should not be swallowed.

PHYSICAL AND CHEMICAL PROPERTIES:

Description: Fine Powder
Colour: Olive Green Powder
Odour: Seaweed odour

HAZARDOUS INGREDIENTS: None

FIRE DATA: Combustible solid, produces oxides of carbon when burning.

Flash Point: N/A

Extinguishing Media: Carbon Dioxide; Dry Chemical; Water Spray; Universal-Type Foam.

REACTIVITY DATA:

- **Stability:** Chemically stable, non hazardous material.
This material presents no significant reactivity hazard.
- **Conditions to Avoid:** None established.
- **Materials to Avoid:** Strong acids, strong alkalis and oxidizing agents.
- **Flammability:** Combustible solid.
- **Hazardous Polymerization:** Will not occur.
- **Hazardous Combustion or Decomposition Products:**
Carbon monoxide and unidentified organic compounds may be formed during combustion.

PERSONAL PROTECTION:

- **Eye Protection:** Safety goggles (AS/NZ 1337) should be worn.
- **Skin Protection:** Wear overalls or other protective clothing, presents no danger through contact with skin although may cause irritation and slight burning sensation to open cuts or abrasions. Wash or rinse exposed skin/open wound with clean water and remove contaminated clothing if irritation is a problem.
- **Chronic:** There have been no reports in the literature of health effects in workers arising from long term exposure to this substance.

FIRST AID:

- **Eye:** Immediately irrigate with water or neutral saline solution. Seek medical attention.
- **Swallowed:** Do not induce vomiting. Wash out mouth with water and give water slowly to dilute [as much as person can comfortably drink] provided person is conscious. Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious.

Contact a physician or local poison control centre immediately. If vomiting occurs, lean patient forward or place on left side [head-down position, if possible] to maintain open airway and prevent aspiration.

- **Skin:** Wash off with water immediately.
- **Inhaled:** Not volatile if inhaled, blow out and remove from the exposure to fresh air. If breathing is affected, administer artificial respiration and/or oxygen if needed and seek medical attention.
- **First Aid Facilities:** Water or neutral saline solution for eye wash.
- **Advice to Doctor:** Treatment would be supportive, as there is no specific antidote.
- **Personal Hygiene:** Always wash hands before eating, drinking, smoking or using the toilet.

PRECAUTIONS FOR USE:

- Exposure Standards: None specified.
- Engineering Controls: Use in a ventilated area.
- Flammability: Combustible solid.

SAFE HANDLING INFORMATION:

- Storage and Transport: Not defined as a Dangerous Good by the Australian Code for the Transport of Dangerous Goods by Road and Rail. Store and transport only in approved containers.

SAFE HANDLING INFORMATION:

- Storage and Transport: Non-corrosive to most materials.

ENVIRONMENTAL DATA:

- Spills: The product is soluble and can be flushed away or dispersed with water. As a soil conditioner it can simply be washed into soil as a safe means of dispersion. The material concentrate can become malodorous if diluted with water and left in surface pockets because dilution will raise pH and allow bacterial action to proliferate. Alternatively the product can be absorbed with sawdust or similar material and disposed of in soil or as refuse.
- Disposal: Poses no problem for disposal by dispersion in soil or landfill because of its soil conditioning properties.

GENERAL STORAGE AND HANDLING:

- Store at room temperature.
- Keep containers closed at all times.
- Keep away from the reach of children.
- Store away from food and animals.

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