

# MATERIAL SAFETY DATA SHEET

## MSDS

### DIEHARD™

## SP SEAWEED EXTRACT

#### 1. PRODUCT and COMPANY:

Trade Name: DIEHARD SOLUBLE KELP  
Company: Horticultural Alliance, Inc.  
Address: 1550 66<sup>TH</sup> Ave Dr. E..  
Telephone: 941-739-9121  
Fax: 941-752-1890  
Contact: James Quinn

#### 2. COMPOSITION OF PRODUCT:

Component: ***Soluble Sea Kelp***  
Description: Dehydrated extract from marine plants  
(Ascophyllum nodosum)  
Classification: Non-hazardous

#### 3. FIRST AID MEASURES

Inhalation: No hazards which require special first aid.  
Skin Contact: No hazards which require special first aid.  
Eye Contact: Rinse thoroughly with plenty of water, also under the eyelids. If eye irritation occurs, consult a physician.  
Ingestion: The product is not considered toxic based on studies on laboratory animals.

#### 4. FIRE FIGHTING PROCEDURES

Suitable extinguishing media: Water, water spray, foam carbon dioxide, dry powder.

Extinguishing agents to avoid: None

Special fire fighting precautions: Wear respiratory protection to avoid dust and smoke.

#### 5. HANDLING AND STORAGE

Handling: Avoid contact with skin and eyes. Avoid dust formation. Do not breath dust.

Storage: Keep in dry, cool place (0-35°C)

#### 6. HAZARDS IDENTIFICATION

The product, when wet, renders surfaces extremely slippery. The product swells with water.

#### 7. PHYSICAL AND CHEMICAL PROPERTIES

|                        |                       |
|------------------------|-----------------------|
| Form:                  | Brown powder          |
| Color:                 | Brown                 |
| Odor:                  | Slight - marine smell |
| pH:                    | Not applicable        |
| Melting point (°C):    | Not applicable        |
| Flash point (°C):      | Not applicable        |
| Autoignition temp (°C) | Not applicable        |
| Vapor pressure (mm Hg) | Not applicable        |
| Bulk density           | 0.4-0.6               |
| Water solubility       | Soluble               |

#### 8. STABILITY AND REACTIVITY

Stability: Product is stable.

Hazardous decomposition products: None known.

Hazardous Polymerization: Will not occur.

## 9. HEALTH HAZARD DATA

Route(s) of Entry:

Inhalation – Yes    Skin – Possible    Ingestion – Possible

Health Hazards:            Acute: Persons with acute allergies could become asthmatic (rare). Allergies could develop over time in some individuals.

   Chronic: Persons with mold allergies could experience hayfever with sneezing and nasal congestion. Skin allergy could develop from repeated excess skin contact involving itching and rash (rare).

## 10. DISPOSAL CONSIDERATIONS

Water from residues/unused product:            In accordance with federal state and local disposal or discharge regulations.

Contaminated packaging:            Can be landfilled or incinerated, when in compliance with federal, state and local disposal or discharge regulations.

## 11. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

## 12. REGULATORY INFORMATION

The product is not a hazardous article and need not be labeled according to EC=Directive not mentioned.