

Material Safety Data Sheet

As of January 1, 2006

Trade Name

HORTA-SORB® LG, MD, SM

1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

Horticultural Alliance, Inc.
1550 66th Ave. Dr. E.
Sarasota, FL 34243
Tel: 800-628-6373, 941-739-9121
Fax: 888-386-4478, 941-752-1890
Web page: www.hortsorb.com

2. Composition / Info. on Ingredients

Cross linked
Acrylamide/Potassium Acrylate copolymer
CAS NUMBER
25085-02-3

3. HAZARDS IDENTIFICATION

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

4. FIRST AID MEASURES

Inhalation: No hazards which require special first aid procedures except for particle size below 50 micron in which case protective masks should be employed

Skin Contact: No hazards which require special first aid procedures.

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.

5. FIRE FIGHTING PROCEDURES

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

Fire extinguishing agents to avoid: None

Special fire fighting precautions: The product, when wet, renders surfaces extremely slippery. The product swells in water.

Special protective equipment for firefighters: None

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: No special precautions required.

Environmental precautions: Do not contaminate water.

Methods for cleaning up: Do not flush with water. Clean up promptly by scoop or vacuum. Keep in suitable and closed containers for disposal. After cleaning, flush away traces with water.

7. HANDLING AND STORAGE

Handling: Avoid direct contact with skin and eyes. Avoid dust formation. Do not breathe dust. Wash hands before breaks and at the end of the workday.

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

8. EXPOSURE CONTROLS

Engineering measures to reduce exposure: Use local exhaust if dusting occurs. Natural ventilation is adequate in absence of dusts.

Personal protection equipment

- **Respiratory protection:** Dust safety masks are recommended where concentration of total dust is more than 10 mg/m³.

- **Eye protection:** Keep away from eyes. Wear safety glasses with side shields if dusts are present.

- **Skin and body protection:** No special protective clothing required.

- **Hygiene measures:** Wash hands before breaks and at the end of the workday.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form: Granular solid

Color: White

Odor: None

pH: Not applicable

Melting point (°C) Not applicable

Flash point (°C) Not applicable

Auto ignition temp. (°C) Not applicable

Vapor pressure (mm Hg) Not applicable

Bulk Density 0.7 to .085

Water solubility Insoluble

10. STABILITY AND REACTIVITY

Stability: Product is stable, no hazardous polymerization will occur.

Conditions to avoid: No special precautions required.

Materials to avoid: The product swells in water.

Hazardous decomposition products: Thermal decomposition may produce: hydrogen cyanide (hydrocyanic acid), nitrogen oxides (NO_x), carbon oxides.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

- **Oral:** Not toxic: LD50/oral/rat > 5,000 mg/kg

- **Dermal:** Not toxic: LD50/dermal/rabbit > 2,000 mg/kg

Irritation

- **Skin:** Not irritating

- **Eyes:** Moderate eye irritation due to effects all powders have on conjunctivae.
Sensitization: Not sensitizing

12. ECOLOGICAL INFORMATION

Ecotoxicity: Ecological injuries are not known or expected under normal use. Aquatic toxicity is unlikely due to low solubility.

Persistence / degradability: Not readily biodegradable, < 10% after 28 days.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products: 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.

14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning transport regulations.

15. REGULATORY INFORMATION

The product is not a hazardous article and need not be labeled according to EC-Directives as mentioned. All components of this product are on the TSCA and DSL inventories.

RCRA status: Not a hazardous waste

Hazardous waste number: Not applicable

Reportable quantity (40 CFR 302): Not applicable

Threshold planning quantity (40 CFR 335): Not applicable

16. OTHER INFORMATION

Person to Contact:

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