

Plant Gel

Material Safety Data Sheet

Tradename
Plant Gel
(All Products)

1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

DNB Designs
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Colorado Springs, CO 80918
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2. COMPOSITION / INFO. ON INGREDIENTS

Identification of the preparation: Polyacrylamide Copolymer
CASE NUMBER: N/A

3. HAZARDS IDENTIFICATION

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

4. FIRST AID MEASURES

Inhalation: No hazards that require special first aid procedures.

Skin Contact: No hazards that 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 powder.

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 supply.

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 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 sideshields if dust is 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

Autoignition 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 land-filled or incinerated, when in compliance with federal, state and local disposal or discharge regulations.

14. TRANSPORT INFORMATION

Not classified as dangerous in current transportation regulations.

15. REGULATORY INFORMATION

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

16. OTHER INFORMATION

Person to Contact:

Donald Briere

President/Owner

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