

# Hydrodynamics International Inc.

## SAFETY DATA SHEET

### SECTION 1, IDENTIFICATION

**Product Name:** Root Riot Plant Starter Cubes  
**Manufacturer:** Hydrodynamics International Inc.  
5711 Enterprise Drive  
Lansing, MI 48911  
(517) 887-2007  
**Emergency Contact Number:** Chemtrec (800) 424-9300  
**Product Use:** Growing medium for plant propagation  
**Restriction on Use:** Not applicable

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### SECTION 2, HAZARD IDENTIFICATION

*Hazardous Components:* This product is not manufactured to contain a reportable hazardous component as defined in 29 CFR 1910, 1200.

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### SECTION 3, COMPOSITION/INFORMATION ON INGREDIENTS

Chemical and/or Common Name	CAS Number	Content
Sphagnum Peat Moss	N/A	91%
Polyether Polyurethane Foam	N/A	8.8%
Mineral Salts	N/A	0.2%

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### SECTION 4, FIRST-AID MEASURES

**In case of eye contact:** Should irritation of eye occur, flush with water. If condition persists, consult a physician.

**In case of skin contact :** The compound is not hazardous by skin contact.

**If inhaled:** Product as shipped contains particles in respirable size range. Should inhalation occur and victim is not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

**If swallowed:** No specific intervention is indicated as the compound is not hazardous by ingestion. However, if symptoms occur, consult a physician.

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## SECTION 5, FIRE-FIGHTING MEASURES

<b>Flash Point (Method used):</b>	500°F COC
<b>Extinguishing Media:</b>	Water spray, dry chemical, carbon dioxide
<b>Special Fire Fighting Procedures:</b>	Use self-contained breathing equipment
<b>Unusual Fire and Explosion Hazards:</b>	Combustion may produce Toluene, carbon monoxide, hydrogen cyanide and nitrogen oxide fumes due to urethane content.

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## SECTION 6, ACCIDENTAL RELEASE MEASURES

Not applicable

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## SECTION 7, HANDLING & STORAGE

Avoid high heat over 300°F

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## SECTION 8, EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Permissible Exposure Limits:</b>	Not available
<b>Threshold Limit Values:</b>	Not available
<b>Generally applicable control measures &amp; precautions:</b>	None required
<b>Personal protective equipment:</b>	Dust mask recommended but not required

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## SECTION 9, PHYSICAL & CHEMICAL PROPERTIES

<b>Boiling Point:</b>	Not applicable
<b>Specific Gravity (H<sub>2</sub>O=1):</b>	0.5-0.7
<b>Vapor Pressure (mm Hg.):</b>	(DNA)
<b>Melting Point:</b>	350°F (decomposes)
<b>Vapor Density (AIR = 1):</b>	Not volatile
<b>Evaporation Rate (Butyl Acetate=1):</b>	Not volatile
<b>Solubility in Water:</b>	Insoluble
<b>Appearance and Odor :</b>	Brown to black, practically odorless

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## SECTION 10, STABILITY & REACTIVITY

<b>Stability:</b>	Stable
<b>Conditions to Avoid:</b>	High heat
<b>Incompatibility (Materials to Avoid):</b>	Strong oxidizers, flame
<b>Hazardous Decomposition or Byproducts:</b>	Toluene, Carbon monoxide, Hydrogen cyanides, Nitrogen oxides
<b>Combustion:</b>	Combustion may produce Toluene, carbon monoxide, hydrogen cyanide and nitrogen oxide fumes due to urethane content.
<b>Hazardous Polymerization</b>	Will Not Occur

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## SECTION 11, TOXICOLOGICAL INFORMATION

<b>Health Hazards (Acute and Chronic):</b>	Product as shipped contains particles in respirable size range.
<b>Carcinogenicity:</b>	None known
<b>Signs and Symptoms of Exposure:</b>	None known

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## SECTION 12, ECOLOGICAL INFORMATION

<b>Aquatic Toxicity:</b>	No information available.
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## SECTION 13, DISPOSAL CONSIDERATIONS

<b>Aquatic Toxicity:</b>	No information available.
<b>Spill, Leak or Release:</b>	Note: Review FIREFIGHTING MEASURES and FIRST AID MEASURES before proceeding with clean up.
<b>Waste Disposal:</b>	Comply with Federal, State and Local regulations. If approved, may be transferred to a land disposal site. This product, if disposed as received, is a non-hazardous waste.

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## SECTION 14, TRANSPORT INFORMATION

Not applicable

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## **SECTION 15, REGULATORY INFORMATION**

Not applicable

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## **SECTION 16, OTHER INFORMATION**

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