

Hydrodynamics International Inc.

SAFETY DATA SHEET

SECTION 1, IDENTIFICATION

Product Name:	Root Riot®
Manufacturer:	Hydrodynamics Intl. Inc. 5711 Enterprise Dr. Lansing, MI 48911 (517)-887-2007
Emergency Contact Number:	(517)-887-2007
Product Use:	Growing medium for plant propagation
Restriction on Use:	Not applicable

SECTION 2, HAZARD IDENTIFICATION

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

SECTION 3, COMPOSITION/INFORMATION ON INGREDIENTS

Chemical and/or Common Name	CAS Number	ACGIH
Sphagnum Peat Moss	N/A	N/A
Polyether Polyurethane Foam	N/A	N/A

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.

SECTION 5, FIRE-FIGHTING MEASURES

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

SECTION 6, ACCIDENTAL RELEASE MEASURES

Not applicable

SECTION 7, HANDLING & STORAGE

Avoid high heat over 300°F

SECTION 8, EXPOSURE CONTROLS/PERSONAL PROTECTION

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

SECTION 9, PHYSICAL & CHEMICAL PROPERTIES

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

SECTION 10, STABILITY & REACTIVITY

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

SECTION 11, TOXICOLOGICAL INFORMATION

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

SECTION 12, ECOLOGICAL INFORMATION

Aquatic Toxicity:	No information available.
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SECTION 13, DISPOSAL CONSIDERATIONS

Aquatic Toxicity:	No information available.
Spill, Leak or Release:	Note: Review FIREFIGHTING MEASURES and FIRST AID MEASURES before proceeding with clean up.
Waste Disposal:	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.

SECTION 14, TRANSPORT INFORMATION

Not applicable

SECTION 15, REGULATORY INFORMATION

Not applicable

SECTION 16, OTHER INFORMATION

Revised 15 MARCH 2019

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This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

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