

Safety Data Sheet

May be used to comply with OSHA's Hazard Standard, 29 CFR 1910.1200

U.S. Department of Labor

Occupational Safety and Health Administration
Form Approved OMB No. 1218-0072

IDENTITY therapy IP Soil & Plant Amendment (NON-GMO) Microorganisms Exempt from: CDR requirements - 40 CFR 725		Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.	
SECTION I			
Manufacturer's Name RHIZOSPHERE SOLUTIONS, LLC		Emergency Telephone Number CHEMTREC (800) 262-8200	
Address 3242 Little Dug Gap Rd. Louisville, TN 37777		Telephone Number for Information (865) 233-2727 Office (865) 338-8686 Cell	
Date Prepared 02/05/2020		Signature of Preparer (Optional) N/A	
SECTION II – Hazard Ingredients/Identity Information			
Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits recommended
Not regulated under the OSHA Hazard Communication Standard, 29 CFR 1910.1200 Blend of Beneficial Dry Microbes (100%)	N/A	N/A	N/A
SECTION III – Physical/Chemical Characteristics			
Boiling Point	100°C	Specific Gravity (H2O = 1)	1.04
Vapor Pressure (mm Hg)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water = 100% or nearly			
Appearance and Odor = Turbid and Opaque. Musty smell.			
SECTION IV – Fire and Explosion Data			
Flash Point (Method Used) Non-Combustible	Flammable Limits N/A	LEL N/A	UEL N/A
Extinguishing Media N/A			
Special Fire Fighting Procedures N/A			
Unusual Fire and Explosion Hazards N/A			
SECTION V – Reactivity Data			
Stability	Unstable N/A	Stable Stable	Conditions to Avoid None
Incompatibility (Materials to Avoid) None			
Hazardous Decomposition of Byproducts None			
Hazardous Polymerization	May Occur N/A	Will Not Occur	Conditions to Avoid- None

SECTION VI – Health Hazard Data			
Route(s) of Entry	Inhalation? Non-Irritating	Skin? Non-Irritating	Ingestion? Non-toxic natural microbial cells. Do not ingest.
Health Hazards (Acute and Chronic) No toxic effects are known			
Carcinogenicity None	NTP? None	IARC Monographs? None	OSHA Regulated? NO
Signs and Symptoms of Exposure N/A			
Medical Conditions Generally Aggravated by Exposure N/A			
Emergency and First Aid Procedures Flush exposed area with clean and soapy water. Consult physician.			
SECTION VII – Precautions for Safe Handling and Use			
Steps to be Taken in Case Material is Released or Spilled Clean up spill with soapy water. No special restrictions on disposal of wash water. Disinfect spill area with clean water to which household bleach is added at a rate of one-half cup per five gallons.			
Waste Disposal Method Clean up spill with soapy water. No special restrictions on disposal of wash water. Disinfect spill area with clean water to which household bleach is added at a rate of one-half cup per five gallons. This material is not considered a hazardous material under the RCRA and may be disposed if in landfills or sanitary services.			
Precautions to be Taken in Handling and Storing Keep containers closed when not in use to prevent contamination of the product and minimize risk of spills. Use good industrial hygiene practices. Store in a cool, dry area. Do not allow to freeze and keep out of direct sunlight for extended periods of time. This material is not considered a hazardous material under the RCRA and may be disposed if in landfills or sanitary services.			
Other Precautions The transportation of Dangerous Good Act classification for this product is: Not regulated. DOT classification: Non-toxic, non-corrosive, Chemical NOI, Non-hazardous.			
SECTION VIII – Control Measures			
Respiratory Protection			
Ventilation N/A	Local Exhaust N/A	Special N/A	
N/A	Mechanical (General) N/A	Other N/A	
Protective Gloves Use of Latex or Latex Free Gloves are recommended but not required	Filtered Mask Use of Filtered Mask are recommended by not required	Eye Protection Use of Safety Goggles are recommended but not required	
Other Protective Clothing or Equipment Long sleeved clothing, long pants and closed toed shoes are recommended.			
Work/Hygienic Practices N/A			
SECTION IX – Special Precautions			
Precautions to be Taken in Handling and Storing Keep containers closed when not in use to prevent contamination of the product and minimize risk of spills. Use good industrial hygiene practices. Store in a cool, dry area. Do not allow to freeze and keep out of direct sunlight for extended periods of time. This material is not considered a hazardous material under the RCRA and may be disposed if in landfills or sanitary services.			
Other Precautions Use good industrial hygiene practices			

SECTION X – Stability and Reactivity

The product is stable. Maintain in properly vented containers.

SECTION XI – Toxicological Information

Health Hazards:

Exposure: **skin contact, eye contact, inhalation and/or ingestion.**

Acute Effects: **may cause mild transient irritation.**

Chronic Effects: **adverse effects from chronic contact are not known.**

SECTION XI – Ecological Data

The product is readily biodegradable in the natural environment. Spillage may result in a biological oxygen demand. Organisms in the product are naturally occurring in soil.

SECTION XII – Disposal Considerations

Containers may be rinsed with water and disposed of as approved by local regulations.

SECTION XIII – Transport Information

Transportation of this product is not regulated.

SECTION XIV – Regulatory Information

NFPA Hazard Rating: **Health – 0; Flammability – 0; Instability – 0**

HMIS Rating: **Health – 0; Flammability – 0; Reactivity – 0**

CA Proposition 65: **not listed**

Microorganisms exempt from CDR requirements – 40 CFR 725.

*All microbials are considered naturally derived, nonpathogenic, non-toxic, non-GMO, non-hazardous and non-corrosive. Product contains no: chemicals, additives, nutrients, fertilizer or fillers.

*All microorganisms are not considered to be pathogenic for livestock or poultry.