

Material Safety Data Sheet

U.S. Department of Labor

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

Occupational Safety and Health Administration
(Non-Mandatory Form) Form Approved OMB
No. 1218-0072

IDENTITY (As Used on Label and List)

NOTE: Blank spaces are not permitted.
If any item is not applicable, or no information is available, the space must be marked to indicate so.

PRD TECH INC. NUTRIENTS FOR BIO-TREATMENT:

PRD-BIOSPEEDUP

Section I

Manufacturer's Name: PRD TECH INC.	Emergency Telephone Numbers: (513) 984-5926 / (513) 673 3583
Address (Number, Street, City, State, and ZIP Code) 1776 Mentor Avenue; Suite 400-A Cincinnati, OH 45212	Telephone Number for Information: (513) 673 3583 Date Prepared/Updated: June 3, 2002 / Feb. 7, 2004

Section II – Hazard Ingredients / Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Bacterial Cultures, non-pathogenic	-	-	NONE	
Surfactant				
No hazardous ingredient				

Section III – Physical / Chemical Characteristics

Boiling Point	221 °F	Specific Gravity (H₂O = 1)	0.6 – 0.8 g/cm ³
Vapor Pressure (mm Hg.)	Similar to water	Melting Point	21 °F
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water	Highly soluble	Appearance and Odor	Water like liquid, blue in color; slight odor

Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used): NONE	Flammable Limits: NONE	LEL: NONE	UEL: NONE
Extinguishing Media: NOT REQUIRED			
Special Fire Fighting Procedures: NONE	Unusual Fire and Explosion Hazards:	NONE	

(Reproduce locally)

Section V – Reactivity Data

Stability	Unstable		Conditions to Avoid: N/A
	Stable	X	
Incompatibility (Materials to Avoid): NONE			
Hazardous Decomposition or Byproducts: Carbon dioxide and sulfur dioxide			
Hazardous Polymerization	May Occur		Conditions to Avoid: Acids and alkalies will inactivate the enzymes
	Will Not Occur	X	

Section VI – Health Hazard Data

Route(s) of Entry: Not Hazardous	Inhalation Same as dust exposure	Skin Redness and irritation; Mild skin rashes likely	Ingestion Irritation of gastrointestinal tract, nausea, diarrhea
Health Hazards (Acute and Chronic): Not a Hazardous Substance			
Carcinogenicity: Not Listed	NTP None	IARC Monographs Not Applicable	OSHA Regulated None
Signs and Symptoms of Exposure: None			
Medical Conditions Generally Aggravated by Exposure: Potential for mild diarrhea if concentrate is ingested in quantities greater than ½ Fl. Oz.			
Emergency and First Aid Procedures: Wash eyes with water if in contact with concentrate. If concentrate is ingested drink water to dilute. Obtain medical attention immediately.			

Section VII – Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled: Product is biodegradable. Spills can be washed away or returned to container if uncontaminated.
Waste Disposal Method: Product is biodegradable. Spills can be washed away or returned to container if uncontaminated.
Precautions to Be taken in Handling and Storing: Recommended storage temperature between 50°F and 100°F. Temperatures over 195°F may result in thermal decomposition. Avoid creating mist
Other Precautions: Not Required

Section VIII – Control Measures

Respiratory Protection (Specify Type): Dust mask		
Ventilation:	Good general ventilation	Special: None
	Mechanical (General)	Other: None Required
Protective Gloves: Recommended		Eye Protection: Recommended; Safety glasses or goggles recommended
Other Protective Clothing or Equipment: Lab coat recommended to prevent spills on clothing.		
Work / Hygienic Practices: Wash hands before eating or drinking. Handle with gloves only.		

Not regulated for transport

This material must not be used for direct contact with food.

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