

Easy Gardener Products, Ltd
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Material Safety Data Sheet

Section I – Product Identification

Product Name: BioPegs
 Item #(s): 809
 Chemical Description: Polylactide resin

Section II – Hazardous Ingredients/Identify Information

Ingredient	CAS No.	Approx. %	Hazardous	Non-Hazardous
Polylactide resin	9051-89-2	98	None	

Section III – Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity	N/A
Vapor Pressure	Not determined	Melting Point	Crystalline - 150-180C (302-356F) Tg (Glass transition) - 55-65C (131-149F)
Vapor Density	Not determined	Evaporation Rate	Not determined
Solubility in Water	Insoluble		
Appearance and Odor:	Clear, translucent, opaque, pellets. Sweet odor		

Section IV – Fire and Explosion Hazard Data

Flash Point (Method Used) 388 C	Flammable Limits N/A	LEL N/A	UEL N/A
Extinguishing Media Foam, water, CO2, dry chemical. Alcohol resistant foams are preferred if available, as general-purpose synthetic foams (including AFFF) or protein foams may function, but much less effectively.			
Special Fire Fighting Procedures As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear			
Unusual Fire and Explosion Hazards Burning produces obnoxious and toxic fumes. Aldehydes. Carbon monoxide. Carbon dioxide (CO2)			

Section V – Reactivity Data

Stability	Unstable		Conditions to Avoid Temperatures above 446 F (230 C)
	Stable	X	
Incompatibility (Materials to Avoid) Oxidizing agents. Strong bases.			
Hazardous Decomposition or Byproducts Burning produces obnoxious and toxic fumes. Aldehydes. Carbon monoxide. Carbon dioxide (CO2)			
Hazardous Polymerization	May Occur	N/A	Conditions to Avoid N/A
	Will Not Occur	N/A	

Section VI – Health Hazard Data

Route(s) of Entry	Inhalation? N/A	Skin? N/A	Ingestion? N/A
Health Hazards (Acute & Chronic) N/A			
Carcinogenicity N/A	NTP? N/A	IARC Monographs? N/A	OSHA Regulated? N/A
Signs & Symptoms of Exposure N/A			
Medical Conditions Generally Aggravated by Exposure N/A			
Emergency and First Aid Procedures See below			

Section VII – Precautions for Safe Handling and Use

Steps to be taken in case material is released or spilled Sweep up to prevent slipping hazard. Do not flush into surface water or sanitary sewer system.
Waste Disposal Method In accordance with local and national regulations. Do not contaminate ponds, waterways or ditches with chemical or used container.
Precautions to be taken in handling and storing Low hazard for usual industrial or commercial handling. Store in cool place. Keep at temperatures below 122 F (50 C). No special restrictions on storage with other products.
Other Precautions No special precautions required.

Section VIII – Control Measures

Respiratory Protection (Specify Type) Respirator with dust filter must be worn if exposed to dust.		
Ventilation	Local Exhaust Yes, where dust is formed.	Special N/A
	Mechanical (General) N/A	Other N/A
Protective Gloves Yes, in raw form	Eye Protection Safety glasses or goggles	Other Protective Clothing Impervious clothing
Work/Hygiene Practices Avoid dust contact with skin, eyes and clothing		

Section IX – First Aid Measures

First Aid Procedures:	
Eyes:	Rinse immediately with plenty of water, also under eyelids, for at least 15 minutes. Call physician immediately.
Skin:	Rinse immediately with plenty of water.
Inhalation:	Move to fresh air.
Ingestion:	Drink water as a precaution. Do not induce vomiting without medical advise. Call physician immediately.

Section X – Transportation Information

Shipping information

Not regulated

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