



## ProGanics™ Biotic Soil Media™ (BSM™)

SDS Number: CON085

Revision Date: 1/1/17

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**1** PRODUCT AND COMPANY IDENTIFICATION**Manufacturer**

PROFILE Products, LLC  
750 LAKE COOK ROAD  
SUITE 440  
BUFFALO GROVE, IL 60089

**Emergency:** Emergency Phone: (800) 424-9300 (ChemTrec)  
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**Product Name:** ProGanics™ Biotic Soil Media™ (BSM™)  
**Revision Date:** 1/1/17  
**SDS Number:** CON085  
**CAS Number:** Not applicable  
**Product Use:** Biotic Soil Medium

**2** HAZARDS IDENTIFICATION**Classification of the Substance or Mixture**

**GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):**  
None, None, None

**GHS Label Elements, Including Precautionary Statements**

**GHS Signal Word:** **NONE**

**GHS Hazard Pictograms:**

no GHS pictograms indicated for this product

**GHS Hazard Statements:**

H000 - None

**GHS Precautionary Statements:**

no GHS precautionary statements indicated

**Hazards not Otherwise Classified (HNOC) or not Covered by GHS**

**Route of Entry:** Inhalation, skin contact, eye contact

**Inhalation:** Wood dust may cause sneezing, irritation, and dryness of the nose and throat. Dust may aggravate pre-existing respiratory conditions.

**Skin Contact:** Wood dust can cause irritation. Skin absorption is not known to occur.

**Eye Contact:** Wood dust can irritate the eyes.

**Ingestion:** No reports of human ingestion.

OSHA Classification: Wood dust is a hazardous substance as defined by the Hazard Communication Standard 29CFR 1910.1200

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NFPA: Health = 0, Fire = 1, Reactivity = 0, Specific Hazard = n/a

**3 COMPOSITION/INFORMATION OF INGREDIENTS****Ingredients:**

Cas#	%	Chemical Name
9000-30-0	Proprietary	Guar gum
0	Proprietary	Proprietary Blend of Non-Hazardous Materials

**4 FIRST AID MEASURES**

<b>Inhalation:</b>	Usually not a problem. Remove to fresh air if respiratory irritation develops, and get medical aid promptly if irritation persists.
<b>Skin Contact:</b>	Usually not a problem. Wash off with running water if irritation is experienced.
<b>Eye Contact:</b>	Open eyelids and flush with water.
<b>Ingestion:</b>	None. If large quantities are ingested consult your physician.

**5 FIRE FIGHTING MEASURES**

<b>Flammability:</b>	Combustible product
<b>Flash Point:</b>	Not applicable
<b>Flash Point Method:</b>	Not applicable
<b>Autoignition Temp:</b>	200-260°C (400-500°F)

Conditions to avoid: In contact with flames or hot surfaces  
Flammable- Extinguish with water; same as a wood fire

**6 ACCIDENTAL RELEASE MEASURES**

Scoop up product. Wear goggles and respirator if dust is produced in unventilated areas. Wet product may be slippery.

**7 HANDLING AND STORAGE**

<b>Handling Precautions:</b>	Clean up areas where dust settles. Minimize blowdown or other practices that generate high airborne dust concentrations.
<b>Storage Requirements:</b>	Store in a cool, dry place. Keep away from sources of ignition.



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8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: None required for outdoor mixing and application. Use dust collection system for indoor handling operations.
Personal Protective Equipment: Eye Protection: Wear goggles when emptying bags and during other operations where there is a risk of dust entering the eyes.
Gloves: Leather, plastic or rubber gloves could be worn to minimize skin irritation.
Respirators: When handling methods generate dust at concentrations that exceed occupational exposure limits, wear a NIOSH approved respirator. A fabric respirator or a facepiece respirator with dust cartridges will generally provide adequate protection.
Footwear: The product is slippery when wet. Wear appropriate footwear.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Natural wood fibers derived from a variety of tree species
Physical State: Wood Fibers Odor: Mild wood odor
Vapor Pressure: N/A

10 STABILITY AND REACTIVITY

Chemical Stability: Stable product
Hazardous Polymerization: Will not occur.

11 TOXICOLOGICAL INFORMATION

EFFECTS OF CHRONIC EXPOSURE:

Inhalation: Frequent and repeated exposure to wood dust is associated with an increased risk of developing nasal cancer.
Skin Contact: Although rare, wood dust may cause dermatitis in sensitized people.

Occupational Exposure Limits:

Wood dusts- All other species: ACGIH (2007): TLV-TWA 1 mg/m³ (Inhalable fraction); A4

Particulates Not Otherwise

Regulated (PNOR): OSHA: PEL-TWA 15 mg/m³ (Total Dust); 5 mg/m³ (Respirable fraction)

Irritancy: Wood dust is a mild irritant

Sensitization: Some wood dusts may cause allergic skin reactions



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**ECOLOGICAL INFORMATION**

Guar Gum (CAS# 9000-30-0) is listed as an inert ingredient permitted for use in nonfood use pesticide products by EPA. It is also classified under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) as a minimal risk inert substance (List 4A) meaning that as a pesticide, Guar Gum is considered by the EPA to pose little or no risk to humans or the environment. The US Department of Agriculture (USDA) National Organic Program (NOP) also allows the use of Guar Gum in a variety of applications, but primarily as a pesticide in organic production operations. Finally, Guar Gum is listed on the Generally Recognized as Safe (GRAS) list by the Food and Drug Administration (FDA).

48-hr LC<sub>50</sub> = >100% for *Daphnia magna* when runoff generated using ASTM D7101 (2"/hr rainfall rate) was tested according to EPA-821-R-02-012.

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**DISPOSAL CONSIDERATIONS**

Normally can be disposed of as a wood residue. Ensure disposal is in compliance with local, provincial (state), and federal regulations.

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**TRANSPORT INFORMATION**



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15 REGULATORY INFORMATION

Component (CAS#) [%] - CODES

Guar gum (9000-30-0) [Proprietary] TSCA

Proprietary Blend of Non-Hazardous Materials (0) [Proprietary]

Regulatory CODE Descriptions

TSCA = Toxic Substances Control Act

COMPONENT / (CAS/PERC) / CODES

\*Guar gum (9000300 n/a%) TSCA

REGULATORY KEY DESCRIPTIONS

MASS = MA Massachusetts Hazardous Substances List

NRC = Nationally Recognized Carcinogens

OSHA WAC = OSHA Workplace Air Contaminants

PA = PA Right-To-Know List of Hazardous Substances

TXAIR = TX Air Contaminants with Health Effects Screening Level

CERCLA = Superfund clean up substance

CSWHS = Clean Water Act Hazardous substances

EHS302 = Extremely Hazardous Substance

EPCRAWPC = EPCRA Water Priority Chemicals

HAP = Hazardous Air Pollutants

NJEHS = NJ Extraordinarily Hazardous Substances

NJHS = NJ Right-to-Know Hazardous Substances

OSHA PSM = OSHA Chemicals Requiring process safety management

SARA313 = SARA 313 Title III Toxic Chemicals

TSCA = Toxic Substances Control Act

16 OTHER INFORMATION

Disclaimer:

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