



MATERIAL SAFETY DATA SHEET

MSDS – Microblend™

SECTION 1

Rexius Forest By-Products Inc
1275 Bailey Hill Road
Eugene, OR 97402

Date Issued: February 1, 2002
Emergency Phone Number: (541) 342-1835
Toll Free For Information: (888) 473-9487

SECTION 2 – Hazardous Ingredients

Blend of organic sucrose, hydrophilic powder from natural sources, and seed meal from the genus gossypium
Not considered hazardous
(Known exposure Limits for organic sucrose): PEL = 15mg/m³ (total dust) or 5 mg/m³ (respirable dust)
LD₅₀ = 29.7 g/kg, rat; = 14.0 g/kg, mouse

SECTION 3 – Physical/Chemical Characteristics

Boiling Point:	Solid - NA
Vapor Pressure (mm Hg):	Solid - NA
Vapor Density (Air = 1):	Solid - NA
Specific Gravity (H ₂ O = 1):	Solid - NA
Melting Point:	180° C
Evaporation Rate (Butyl Acetate = 1)	Solid - NA

Appearance and Odor: brownish white powder like material with sweet bean like odor

SECTION 4 – Fire and Explosion Hazard Data

Flash Point: At concentrations of 0.045 gm/L (45 gms/m³) or higher, airborne sucrose dust accumulations are explosive. Airborne sucrose dust accumulation ignition temperature is 370°F (NFPA Class3).

Fire: NA

Fire fighting Instructions: Wear self-contained positive pressure chemical apparatus and full fire fighting protective clothing. Remove container(s) from area if possible. Use extinguishing media appropriate for surrounding fire and materials.

Unusual Fire and Explosion Hazards: Has a potential explosion hazard like all dry powder polysaccharides if dust concentration in air is too high. Also slippery when wet.

Extinguishing Media: Water, Carbon Dioxide, Dry Chemical, or Foam

SECTION 5 – Reactivity Data

Stability: Stable

Conditions to avoid: Carbon Dioxide and Carbon Monoxide may form when heated to decomposition, or heated with strong, concentrated alkalis, acids, or strong oxidizing agents. This reaction is exothermic. Avoid contact with water prior to use.

Decomposition: Thermal decomposition, at temperatures in excess of 367°F, may release acrid fumes and smoke.

Polymerization: Will not occur