

# **Material Safety Data Sheet - Corn Gluten Meal**

## **Jonathan Green Organic Weed Control & Fertilizer 9-0-0**

Used to comply with OSHA's Hazard Communication Standard,  
29CFR 1910.1200  
Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved OMB No. 1218-0072

### **Section I**

**Manufacturer's Name/Address:**

Jonathan Green & Sons  
48 Squankum Yellowbrook Road  
P.O. Box 326  
Farmingdale, NJ 07727

**Emergency Telephone Number**

(800) 526-2303

**Telephone Number for Information**

(732) 938-7007

**Date Prepared**

August 2002

### **Section II - Hazard Ingredients/Identity Information**

**Hazardous Components**

No hazardous ingredients. OSHA PEL for respirable dust is 5 mg/m<sup>3</sup>, and for total dust is 15 mg/m<sup>3</sup>.

**NFPA Rating:**

Health - 0

Flammability - 1

Reactivity - 0

### **Section III - Physical/Chemical Characteristics**

<b>Boiling Point</b>	N/A	<b>Specific Gravity (H<sub>2</sub>O = 1)</b>	N/A
<b>Vapor Pressure (mm Hg.)</b>	N/A	<b>Melting Point</b>	N/A
<b>Vapor Density</b>	N/A	<b>Evaporation Rate</b> (Butyl Acetate = 1)	N/A
<b>Solubility in Water</b>	Negligible. 1-4% in cold water.		
<b>Appearance and Odor</b>	Tan-brown flakes or pellets; cereal-type odor. Goldenrod, slight odor. Gold granular material; cereal-like odor.		

## **Section IV - Fire and Explosion Hazard Data**

<b>Flash Point</b>	N/A
<b>Flammable Limits</b>	N/A
<b>LEL</b>	N/A
<b>UEL</b>	N/A

### **Extinguishing Media**

Water, Chemical, Carbon Dioxide

### **Special Fire Fighting Procedures**

None

### **Unusual Fire and Explosion Hazards**

All dusts from grain products are highly explosive at critical concentrations. Potential dust explosion hazard.

## **Section V - Reactivity Data**

<b>Stability</b>	Stable
<b>Conditions to avoid</b>	Creation of airborne dust
<b>Materials to avoid</b>	Strong oxidizers

**Hazardous Decomposition of Byproducts:**

**Hazard Polymerization** Will Not Occur  
**Conditions to avoid** Not Applicable

**Section VI - Health Hazard Data**

**Route(s) of Entry:** Eyes - wash out with cold water; treat as nuisance dust.

**Health Hazards:** No health hazard. Inhalation - if dust levels exceed 15mg/m<sup>3</sup>, dust masks should be worn.

**Carcinogenicity:** NO      **NTP:** NO      **IARC Monographs:** NO      **OHSA Regulated:** NO

**Signs and symptoms of exposure:** Not Applicable

**Medical Conditions Generally Aggravated by Exposure:** High dust levels should be avoided by individuals with pulmonary disorders.

**Emergency and First Aid Procedures:** Eye: Wash out with cold water. Skin: Wash with water

**Section VII - Precautions for Safe Handling and Use**

**Steps to Be Taken in Case Material is Released or Spilled:** No special hazards; material is non-hazardous unless dust levels exceed 15 mg/m<sup>3</sup>, in which case a dust mask should be worn.

**Waste Disposal Method:** Follow all legislative requirements for non-hazardous waste disposal. Conventional clean up. Wear dust mask and clean up using methods that minimize the formation of airborne dust.

**Precautions to be taken in handling and storing:** Avoid open flames or other ignition sources (i.e. electrical equipment, switch gear). Store in cool, dry area.

**Other Precautions:** None

**Section VIII - Control Measures**

**Respiratory Protection :** Dust mask if levels exceed 15 mg/m<sup>3</sup>

**Ventilation**      **Local Exhaust:** Use local exhaust appropriately wired for dust hazards.

**Special:** N/A      **Mechanical:** N/A      **Other:** N/A

**Protective Gloves:** None Necessary

**Eye Protection:** Safety glasses

**Other Protective Clothing or Equipment:** NONE

**Work/Hygienic Practices:** Good manufacturing practices