

**JONATHAN GREEN GREEN-MULCH MATERIAL SAFETY DATA SHEET**

DATE: 1/1/03  
JONATHAN GREEN, INC.  
POB 326, Farmingdale, NJ 07727

**PRODUCT: JONATHAN GREEN GREEN-MULCH**  
**SECTION I**

MANUFACTURER'S NAME: Phoenix Paper Products  
EMERGENCY NUMBERS: (815)368-3343  
ADDRESS: Rt. 251, Lostant, IL 61334  
CHEMICAL NAME AND SYNONYMS: Cellulose Fiber, corn fiber

**SECTION II INGREDIENTS**

<u>PRINCIPAL HAZARDOUS COMPONENT(S):</u>	%	TLV UNITS
Cellulose Fiber	> 82	N/A
Corn Fiber	<15	N/A
Proprietary products	< 3	N/A

See Section V for product toxicity data

**SECTION III PHYSICAL DATA**

<u>BOILING POINT (°F):</u>	N/A	<u>SPECIFIC GRAVITY (H2O=1):</u>	N/A
<u>VAPOR PRESSURE (mmHg):</u>	N/A	<u>PERCENT VOLATILE BY VOLUME(%):</u>	N/A
<u>VAPOR DENSITY (AIR=1):</u>	N/A	<u>pH:</u>	6-8
<u>SOLUBILITY IN WATER:</u>	<1%	<u>BULK DENSITY (Aerated):</u>	18-25 #s/ft <sup>3</sup>
<u>APPEARANCE AND ODOR:</u>	Gray/green granules with no odor		

**SECTION IV FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT (Method Used): 370°F Minimum (open cup)  
FLAMMABLE LIMITS: N/A Lel Vel  
EXTINGUISHING MEDIA: Standard ABC Fire Extinguisher  
SPECIAL FIRE FIGHTING PROCEDURES: Use standard fire protection procedures  
UNUSUAL FIRE AND EXPLOSION HAZARDS: None

**NFPA HAZARD CLASS**

Health Hazard:0      Flammability:1      Reactivity:0      Other: 0

**HAZARD RANKING**

Least:0      Slight:1      Moderate:2      High:3      Extreme:4

## SECTION V HEALTH HAZARD DATA

OSHA Permissible Exposure Limit (PEL):N/A      A.C.G.I.H. Threshold Limit Valve (TLV):N/A

OSHA Health Hazard Classification: N/A      Primary Route(s) Exposure: N/A

None of the components are listed by IARC, NTP, OSHA OR ACGIH as a carcinogen.

### Symptoms of overexposure:

Acute:            At high concentration of dust, irritation of eyes, skin and mucous membranes may occur.

Chronic:        None

Toxic Data:    None known

Dust levels:    PEL 15mg/m<sup>3</sup>-Total, 5mg/m<sup>3</sup> respirable

TLV 10mg/m<sup>3</sup>-Total, 5mg/m<sup>3</sup>respirable

## SECTION VI REACTIVITY DATA

STABILITY:            STABLE      X            CONDITIONS TO AVOID    Open flame  
UNSTABLE

INCOMPATIBILITY (MATERIALS TO AVOID):      Strong Oxidizers

HAZARDOUS DECOMPOSITION PRODUCTS:      Incomplete burning can produce carbon monoxide and other harmful products.

HAZARDOUS POLYMERIZATION: Will not occur      CONDITIONS TO AVOID: N/A

## SECTION VII SPILL OR LEAK PROCEDURES

REPORTABLE QUANTITIES (RQ):            None  
IN LBS. OF EPA HAZARDOUS  
SUBSTANCES IN PRODUCT

DOT Shipping Description:      Not regulated

OSHA Hazard Communication Standard: Cellulose Fiber is not listed as a carcinogen.

RCRA Status: This product is not subject to the 40 CFR Part 268.30 land ban on the disposal of certain hazardous wastes.

SARA Status: This product is not regulated under SARA Title III 42 USC 9601.

### STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Sweep material into pile and scoop back into container for reuse.

### WASTE DISPOSAL METHOD:

Dispose of product in accordance with local, county, state and federal regulations.

## SECTION VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE): A NIOSH approved dust respirator should be worn when applicable dust standards are exceeded.

VENTILATION: Adequate ventilation should be available to maintain dust levels below applicable standards.

LOCAL EXHAUST: RECOMMENDED                      SPECIAL: NONE

MECHANICAL (GENERAL): NONE                      OTHER: NONE

PROTECTIVE GLOVES: Not normally required                      EYE PROTECTION NONE

OTHER PROTECTIVE EQUIPMENT: NONE

## SECTION IX SPECIAL PRECAUTIONS

### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

For best results, keep material dry prior to use.

OTHER PRECAUTIONS: NONE

**DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES:** The information herein is presented in good faith and believed to be accurate as of the effective date shown above. However, since actual use of the product is beyond manufacturer's control, no warranty, expressed or implied, is given and no responsibility is assumed. Regulatory requirements governing this product are subject to change and may differ from one location to another. It is the buyer's responsibility to ensure that the buyer's activities comply with federal, state, and local laws.

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Samuel J. Morris  
VP Sales and Manufacturing  
Phoenix Paper Products

Latest Review Date: June 21, 2003