

# MATERIAL SAFETY DATA SHEET

## Mulch & Grow Premium Cellulose

PRODUCT ID: GREEN DYED CELLULOSE FIBERS WITH S.A.P. 1500

### SECTION I MANUFACTURER'S INFORMATION

CAROLINA PRECISION FIBERS, INC  
145 FACTORY STREET  
RONDA, NC 28621

EMERGENCY TELEPHONE NUMBER: 866-476-3278  
NUMBER FOR INFORMATION: 336-527-4140  
DATE PREPARED: MAY 7, 2011

### SECTION II HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

| HAZARDOUS COMPONENTS | CAS     | %    | OSHA PEL | ACGIH TLV | TWA |
|----------------------|---------|------|----------|-----------|-----|
| ACETIC ACID          | 64-19-7 | <14% | N/A      | N/A       | N/A |

| NON-HAZARDOUS COMPONENTS | CAS        | %  | ACGIH TLV            | OSHA PEL             |
|--------------------------|------------|----|----------------------|----------------------|
| Recycled Newsprint       | N/A        | 96 | N/A                  | N/A                  |
| Unbleached Pulp          | 65996-61-4 | 4  | 10 mg/m <sup>3</sup> | 15 mg/m <sup>3</sup> |

### SECTION III PHYSICAL / CHEMICAL CHARACTERISTICS

|                        |                         |  |                            |
|------------------------|-------------------------|--|----------------------------|
| BOILING POINT:         | N/A                     | SPECIFIC GRAVITY (H <sub>2</sub> O = 1): | 0.6444                     |
| VAPOR PRESSURE (mmHg): | N/A                     | MELTING POINT:                           | N/A                        |
| VAPOR DENSITY (Air-1): | N/A                     | EVAPORATION RATE:                        | N/A<br>(Butyl Acetate = 1) |
| SOLUBILITY IN WATER:   | Slight to insoluble     |  |                            |
| APPEARANCE AND ODOR:   | Dark green with no odor |  |                            |

### SECTION IV FIRE AND EXPLOSION HAZARD DATA

|                                   |                             |                   |     |     |     |
|-----------------------------------|-----------------------------|-------------------|-----|-----|-----|
| FLASH POINT (Method Used):        | N/A                         | FLAMMABLE LIMITS: | N/A | LEL | UEL |
| EXTINGUISHING MEDIA:              | Water                       |                   |     |     |     |
| SPECIAL FIRE FIGHTING PROCEDURES: | N/A                         |                   |     |     |     |
| UNUSUAL FIRE AND EXPLOSION:       | Normal—Avoid fumes (if any) |                   |     |     |     |
| AUTOIGNITION TEMPERATURE:         | N/A                         |                   |     |     |     |

145 Factory Street, Ronda, NC 28670 • [www.carolinafibers.com](http://www.carolinafibers.com)  
Telephone: 336-527-4140 • Fax: 336-527-4145 • Toll Free: 866-476-3278



Carolina Precision Fibers Inc.

**SECTION V REACTIVITY DATA**

|                           |                                   |
|---------------------------|-----------------------------------|
| STABILITY:                | STABLE                            |
| MATERIALS TO AVOID:       | STRONG ACIDS, OXIDIZERS, REDUCERS |
| HAZARDOUS DECOMPOSITION:  | WILL NOT OCCUR                    |
| HAZARDOUS POLYMERIZATION: | WILL NOT OCCUR                    |

**SECTION VI HEALTH HAZARD DATA**

|              |                         |  |
|--------------|-------------------------|--|
| INHALATION   | NOT USUALLY PROBLEMATIC | MOVE TO FRESH AIR. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION. |
| SKIN CONTACT | NOT USUALLY PROBLEMATIC | RINSE THOROUGHLY WITH WATER.                                       |
| EYE CONTACT  | WEAR EYE PROTECTION     | OPEN EYELIDS AND FLUSH WITH WATER.                                 |
| INGESTION    | DO NOT INGEST           | SEEK MEDICAL ATTENTION.  |

|                 |      |    |                  |    |                 |    |
|-----------------|------|----|------------------|----|-----------------|----|
| CARCINOGENICITY | NIP: | NO | IARC MONOGRAPHS: | NO | OSHA REGULATED: | NO |
|-----------------|------|----|------------------|----|-----------------|----|

**SECTION VII HANDLING AND STORAGE**

|                       |  |
|-----------------------|--|
| HANDLING PRECAUTIONS: | MINIMIZE PRACTICES THAT GENERATE HIGH AIRBORNE DUST CONCENTRATIONS |
| STORAGE REQUIREMENTS: | STORE IN A COOL, DRY PLACE. KEEP AWAY FROM IGNITION SOURCES.       |

**SECTION VIII CONTROL MEASURES**

|                         |   |
|-------------------------|---|
| RESPIRATORY PROTECTION: | A FABRIC RESPIRATOR OR FACEPIECE RESPIRATOR WITH DUST CARTRIDGES WILL GENERALLY PROVIDE ADEQUATE PROTECTION. WHEN APPLICATION METHODS GENERATE DUST AT CONCENTRATIONS HIGHER THAN NORMAL OCCUPATIONAL EXPOSURE, WEAR A NIOSH APPROVED RESPIRATOR. |
| PROTECTIVE GLOVES:      | PLASTIC, RUBBER OR LEATHER GLOVES MAY BE WORN TO MINIMIZE SKIN IRRITATION.  |
| EYE PROTECTION:         | WEAR GOGGLES DURING APPLICATION AND OTHER OPERATIONS WHERE THERE IS A RISK OF DUST ENTERING EYES.   |
| FOOTWEAR:               | WEAR APPROPRIATE FOOTWEAR AS PRODUCT IS SLIPPERY WHEN WET.  |
| VENTILATION:            | PRODUCT GENERALLY APPLIED OUTDOORS, NONE REQUIRED.<br>USE DUST COLLECTION SYSTEM FOR INDOOR HANDLING OPERATIONS.  |

|                            |     |                   |     |     |     |
|----------------------------|-----|-------------------|-----|-----|-----|
| FLASH POINT (Method Used): | N/A | FLAMMABLE LIMITS: | N/A | LEL | UEL |
|----------------------------|-----|-------------------|-----|-----|-----|

|                                   |                             |
|-----------------------------------|-----------------------------|
| EXTINGUISHING MEDIA:              | Water                       |
| SPECIAL FIRE FIGHTING PROCEDURES: | N/A                         |
| UNUSUAL FIRE AND EXPLOSION:       | Normal—Avoid fumes (if any) |
| AUTOIGNITION TEMPERATURE:         | N/A                         |

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