

# MATERIAL SAFETY DATA SHEET

SmartGrow™ “The Plant Growing Natural Wonder” (MSD-WRG-002)

## 1. Product And Company Identification

**Product Identifier:** SmartGrow™

**General Use:** SmartGrow is an all natural hair product in mat form, used in commercial growing operations and by consumers to eliminate the need for chemical herbicides, reduce the use of fertilizers and reduce water usage.

**Specific Product Identifier:** SmartGrow™ Mat, SmartGrow™ Roll, SmartGrow™ Plug.

**Product Description:** This product is sold in various sizes and shapes of mats and rolls, and as a plug.

## COMPANY PROFILE: EMERGENCY TELEPHONE:

World Response Group, Inc.

1452 N. Krome Ave. 101-D

Florida City, FL 33034

Phone: 305-248-6189 Fax: 305-397-1341      www.smartgrow.us

## 2. Composition/Information on Ingredients

**Components wt. % CAS Registry #**

Human hair      100%      none

## OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200):

EXPOSURE LIMITS      N.E.

OSHA PEL      N.E.

N.E. = Not Established

## 3. Hazards Identification

### POTENTIAL HEALTH EFFECTS:

**Eye Contact:** No hazard in normal use of product

**Ingestion:** No hazard in normal use of product

**Inhalation:** No hazard in normal use of product

**Skin Contact:** Not applicable      **Chronic:** Not applicable

## 4. First Aid Measures

**Eye Contact:** Not applicable

**Inhalation:** Not applicable

**Ingestion:** Not applicable

**Skin Contact:** Not applicable

## 5. Fire Fighting Measures

**Flash Point:** Not available **Method:** Not applicable

**Auto Ignition Temperature:** not available

**Flammable Limits:** Not applicable

**Conditions of Flammability:** Not established

**Explosive Properties:** Not applicable

**Extinguishing Media:** Water, chemical foam, dry chemical or carbon dioxide.

**Special Fire Fighting Procedures:** Self contained breathing apparatus.

**Hazardous Combustion Products:** Carbon monoxide, carbon dioxide and other unidentified organic compounds may be formed upon combustion.

**Unusual Hazards:** None

## 6. Accidental Release Measures

**Spill or Leak Procedures:** If material is unused, sweep or pick up and dispose of as a non-hazardous material.

## 7. Handling and Storage

**Handling and Storage Precautions:** None

**Storage Temperature:** Not applicable

**Storage Pressure:** Not applicable

**Shelf Life:** Indefinitely - as long as product is kept in a dry place away from direct sunlight.

**General:** Store in a dry place.

## 8. Exposure Controls/Personal Protection

**Engineering Controls:** None required

### PERSONAL PROTECTION

**Eyes:** Safety glasses with side shields is a good industrial practice

**Respirator:** Not required.

**Gloves:** Not normally required. However, use of cloth, canvas or leather gloves is a good industrial practice.

**Other:** None required.

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## 9. Physical and Chemical Properties

**Appearance:** Black or brown in a variety of shapes and sizes.

**Physical State:** Solid

**Odor:** No odor

**Odor Threshold:** Not applicable

**Vapor Pressure:** Not applicable

**Vapor Density:** Not applicable

**Specific Gravity:** 0.97

**Solubility in Water:** Insoluble

**Coefficient of Water/Oil Distribution:** Not available

**pH:** Not applicable

**Boiling Point:** Not applicable

**Evaporation Rate:** Not applicable

**Melting Point:** Not applicable

## 10. Stability and Reactivity

**General:** This is a stable material.

**Conditions of Reactivity:** Not established

**Incompatible Materials:** Not established.

**Conditions to Avoid:** Not applicable

**Hazardous Decomposition:** Not applicable.

**Hazardous Polymerization:** Will not occur

## 11. Toxicological Information

**LD50:** Not available      **LC50:** Not available

**Carcinogenicity:** IARC: Not established

National Toxicology Program: Not established

OSHA: Not established

California Prop 65: No listed ingredient

**Reproduction Toxicity:** Not available

**Teratogenicity:** Not available

**Mutagenicity:** Not available

**Synergistic Products:** Not available

**Irritancy of Product:** See Section 3.

**Sensitization to Product:** Not available

## 12. Ecological Information

No data available

## 13. Disposal Considerations

**Waste Disposal Method:** If unused, no special precautions are necessary. Dispose of in accordance with federal, state and local regulations.

## 14. Transport Information

**DOT (Department of Transportation):**

**Proper Shipping Name:** Not regulated

**Hazard Class:** Not regulated

**Identification Number:** Not applicable

## 15. Regulatory Information

**CERCLA (Comprehensive Environmental Response Compensation and Liability Act):** No Reportable Quantity

**OSHA Hazard Communication Standard, 29 CFR 1910.1200:** No listed ingredient

**SARA Title III (Superfund Amendments and Reauthorization Act):** No listed ingredient

**TSCA (Toxic Substances Control Act):** No listed ingredient.

## 16. Other Information

**NFPA Hazard Ratings: Health - 0**

**none  $\square$   $\blacklozenge$  extreme Fire - 1**

**0  $\square$   $\blacklozenge$  4 Reactivity - 0**

**Reason for Issue:** New product.

**Prepared by:** Carlos Bowden, World Response Group, Inc.

**Approved by:** Blair Blacker, World Response Group, Inc.

**Date of Issue:** 05/14/2003

**MSDS Number:** MSD-002

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