

# 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:

Hairaising Australia ABN 62009110373

26 Mannanarie Road Jamestown South Australia 5491

Tel: 0403 544 716 or 0411 899 122

info@hairaising.com

## 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 Extreme Fire - 0 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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