

# MATERIAL SAFETY DATA SHEET (MSDS)

## **SECTION I: IDENTITY**

Product Name: **BugMan's Soil Guard**  
Agricultural Services, Inc.  
P.O. Box 1270  
Nash, TX 75569  
Contact Person: Richard Norton  
Phone Number: (903) 832-4790

## **SECTION II: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

**Soil Guard:** An enzymatic mixture of active, hydrocarbon-oxidizing, natural, single-celled organisms. The enzymes and cells are contained in an inert preparation of natural clay. The mixture has no chemical impact. This mixture should be handled with the normal precaution of a hygroscopic powder. In enclosed areas, protective eye and mask covering is recommended. The mixture has been tested by human contact for a 15-year period with no direct or indirect impact.

## **SECTION III: PHYSICAL/CHEMICAL PROPERTIES**

Boiling Point: Not applicable                      Melting Point: Not applicable  
Vapor Pressure: Not applicable                      Solubility in Water: Insoluble, by may be water wet  
Specific Gravity: Approximately 2.5  
Appearance and Odor: Gray to cream powder with a faint odor of hydrocarbons

## **SECTION IV: FIRE AND EXPLOSION HAZARD DATA**

Flash Point: Non-flammable  
Extinguishing Media: Not Applicable  
Special Fire Fighting Procedures: Not Applicable

## **SECTION V: REACTIVITY DATA**

Stable: Avoid direct consumption or inhalation

## **SECTION VI: HEALTH HAZARD DATA**

Route of Entry: Inhalation  
Health Hazards (acute & chronic): Normal precaution for hygroscopic powder  
Signs and Symptoms of Exposure: Reaction to hygroscopic powder: sneezing, etc.  
Emergency and First Aid Procedures: Flush with water

## **SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE**

Steps to be taken if material is released or spilled: Normal precautions for hygroscopic powder  
Waste Disposal Method: Swept/hosed into lawns, soil, water, flowerbeds, compost heaps, storm drains and septic tanks  
Precautions for Handling and Storage: Normal precautions for hygroscopic powder  
Other Precautions: None

## **SECTION VIII: CONTROL MEASURES**

Respiratory Protection: In areas of concentration: Mask and eye protection recommended  
Ventilation: Local exhaust: Standard precaution  
Protective Gloves: Not applicable  
Eye Protection: In areas of concentration  
Other Protective Clothing or Equipment: None  
Work/Hygienic Practices: None