



## MATERIAL DATA SAFETY SHEET

The Organic Mechanics Soil Company, LLC  
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Modena, PA 19358

**For Health, Safety and Environmental Information call: 610.380.4598.**  
**Date of Preparation 02/01/14      MSDS # 200      Revision #1**

SECTION I. IDENTIFICATION      Soil Amendment  
Brand Name: Organic Mechanics® Pure Rice Hulls  
Form: granules  
Product Category: Landscaping/Yard >> Plant Care >> Soil Amendment

SECTION II. HAZARDOUS INGREDIENTS/IDENTITY INFORMATION  
Component: Nuisance particulates of variable composition  
Exposure Limits:      OSHA PEL      ACGIH TLV  
Respirable mass      5 mg/m<sup>3</sup>      5 mg/m<sup>3</sup>  
Total mass      15 mg/m<sup>3</sup>      10 mg/m<sup>3</sup>

May Contain: Natural aggregates such as rice hulls.

SECTION III. PHYSICAL/CHEMICAL CHARACTERISTICS  
Appearance and Odor: Brown, fibrous, earthy odor  
Boiling Point: Not applicable  
Vapor Pressure: Not applicable  
Solubility in Water: Not applicable  
Specific Gravity (H<sub>2</sub>O)=1): Bulk density of 0.29 g/cc  
Melting Point: Not applicable  
Evaporation Rate: Not applicable

SECTION IV. FIRE AND EXPLOSION HAZARD DATA  
Flash Point: Not applicable  
Flammable Limits: Not applicable  
Extinguishing Media: Any  
Special Fire Fighting Procedures: None, Caution, burning may continue inside bags or piles after surface fire is out. Break bags or separate pile to assure that the fire is extinguished. The thermal decomposition products are those commonly observed with natural products such as wood or other vegetative matter.  
Unusual Fire and Explosion Hazards: None

## SECTION V. REACTIVITY DATA

Stability: Stable

Conditions to Avoid: None known

Incompatibility: None known

Hazardous Decomposition or byproducts: None known

Hazardous Polymerization: Will not occur

## SECTION VI. HEALTH HAZARD DATA

Routes of Entry: Inhalation, open wounds, eyes

Health Hazards: Nuisance dust, contains rice hulls.

Carcinogenicity: None known

Effects of Exposure: Inhalation over long periods of high amounts of any nuisance dust may overload lung clearance mechanism, irritate mucous membranes and make lungs more vulnerable to respiratory disease.

Emergency and First Aid Procedures: If inhaled, provide fresh air. If eye irritation occurs, flush with water. Keep open wounds covered and clean as suggested by any good program of hygiene.

## SECTION VII. PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in case material is released or spilled:

Use methods to clean spill which avoid creating airborne dust.

Remove for disposal or incorporation into soil or garden.

Waste Disposal Method: According to EPA 40 CFR261.3, waste of this product is not defined as hazardous. Dispose of all waste in accordance with federal, state and local regulations.

Precautions to be taken in handling and storing:

If excessive dust is created avoid breathing dust by using adequate ventilation and/or using NIOSH or MSHA approved respirator for nuisance dust of this type. Breathing dust may be harmful to your health.

Other Precautions: Protective eyewear should be worn where dust levels are high enough to cause irritation.

## SECTION VIII. CONTROL MEASURES

Respiratory Protection: If dust is created use NIOSH or MSHA approved respirator for nuisance dust of this type.

Ventilation: Local exhaust advisable if excessive dust is created.

Protective Gloves: Not normally necessary but suggested in cases of open wounds that are not appropriately protected.

Eye Protection: Protective eyewear should be worn where dust levels are high enough to cause irritation.

Other Protective Clothing or Equipment: Normal work clothing

Work/Hygienic Practices: NIOSH or MSHA approved respirator, eye protection and ventilation under conditions where excessive dust is created.

Open wounds should be kept clean and suitably protected.

## SECTION IX. SUPPLEMENTAL INFORMATION

These materials are made from natural products and may contain naturally occurring microorganisms. Proper precautions are advised to prevent infection of open wounds, inhalation of excessive amounts of dust and eye irritation. The proper hygiene practices necessary to prevent health hazards from any naturally occurring substance such as soil, bark, etc., should be observed. The information contained in this MSDS is provided without warranty of any kind, express or implied. The information contained herein is made available solely for consideration, investigation, and verification by the original recipients hereof. Users should consider this information as a supplement to other information gathered by or available to them. Users should make independent determinations of the suitability and completeness of information from all sources to assure proper use and disposal of these materials for the safety and health of employees, customers, and the environment. This hazard information is not a substitute for risk assessment under actual conditions of use. Users have the responsibility to keep currently informed on chemical hazard information, to design and update their own programs, and to comply with all applicable national, federal, state, and local laws and regulations regarding safety, occupational health, right to know, and environmental protection.