



**Hazardous Decomposition or Byproducts:** Burning may release noxious fumes and gases such as carbon monoxide, nitrous oxides, acetic acid, sulfuric acid, sulfur dioxide, or other toxic compounds depending on the combustion sources.

**Hazardous Polymerization:** Will Not Occur

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**Section VI -- Health Hazard Data**

**Route(s) of Entry:** Inhalation--Yes Skin--Yes Ingestion--Yes Eyes--yes

**Health Hazards (Acute and Chronic):**

Acute: Ingestion may result in gastrointestinal distress. Contact with eyes or open wounds may result in irritation and/or infection.

Chronic: Sensitive individuals may develop an allergic sensitivity to the dust via repeated skin contact or inhalation resulting in contact dermatitis (rash) or sinus irritation.

This product contains a tiny amount (0.003% by weight) of an insoluble isoflavanoid compound (formononetin) classed as a phytoestrogen, which can mimic the effects of the hormone estrogen in mammals. Avoid prolonged skin contact to preclude the possibility of skin absorption of the hormonal compound.

**Carcinogenicity:** This product may contain a small amount of crystalline silica. IARC Monographs concludes that there is "limited evidence" of the carcinogenicity of crystalline silica to humans. IARC Classification 2A.

**Signs and Symptoms of Exposure:** Skin sensitivity with itching and rash may develop with prolonged or repeated contact in overly sensitive individuals or those prone to allergic sensitivities; Inhalation may lead to coughing and nasal congestion; Ingestion may lead to intestinal distress. Contact with eyes or open wounds may lead to irritation.

**Medical Conditions Generally Aggravated by Exposure:** allergies; respiratory conditions like asthma or emphysema. Persons with compromised immune systems due to medical conditions making them sensitive to exposure to common bacteria (such as individuals with AIDS, or those taking some anti-rejection drugs, or individuals receiving chemotherapy) should consult with their physician before handling bacterial products.

**Emergency and First Aid Procedures:** If ingested, drink water and induce vomiting. Contains a taste aversion component made from hot peppers. If skin contact occurs, wash with soap and water. Apply antiseptic if material contacts open wounds. If material gets into eyes, do not rub them, rinse with copious amounts of water, and see a physician to remove granular particles that fail to wash out. Watch for allergic reaction or eye infection. In cases of respiratory distress, remove individual from exposure and get medical assistance. Administer oxygen if needed.

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**Section VII -- Precautions for Safe Handling and Use**

**Steps to be Taken in Case Material is Released or Spilled:** Avoid stirring up dust. Wet down and sweep up the spilled material and use as intended. Wash spill area with water. If spilled in residential living quarters or dining area, clean area with soap and water. Residue will not harm

## PHC™ Vertimulch

drains or sewers. Beware of slippery floors when material becomes wet, or if spillage occurs in wet areas.

**Waste Disposal Method:** Avoid stirring up excessive dust. Wet down spilled material lightly before sweeping to prevent producing airborne dusts, Then sweep up and collect excess material with adequate ventilation, and use the product as originally intended. Alternately, material can be disposed in a landfill, following all state, local and federal regulations.

**Precautions to be Taken in Storage/Handling:** Wash hands after handling, and before eating, drinking or smoking.

**Other Precautions:** Handle with nonporous gloves. Avoid breathing dust. Avoid contact with eyes and open wounds. Follow good hygiene practices. The bacteria contained in this product are strains of typically harmless soil and water bacteria, and do not cause infections under normal circumstances. However, reasonable precautions are in order. Handle as you would rich, dark soil or compost: keep it out of your mouth, eyes, lungs, and broken skin. Persons with compromised immune systems, such as those with advanced AIDS, those receiving anti-rejection drugs, or those undergoing chemotherapy should consult with their physician before handling microbial products.

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### *Section VII -- Control Measures*

**Respiratory Protection:** Approved dust mask as required.

**Ventilation:** Use local ventilation to control dust.

**Protective Gloves:** Rubber, latex, vinyl, or any gloves without pores.

**Eye Protection:** Safety Glasses recommended if eye contact is likely.

**Other Protective Clothing or Equipment:** Apron recommended.

**Work/Hygienic Practices:** The bacteria contained in this product are strains of typically harmless soil and water bacteria, and do not cause infections under normal circumstances. However, reasonable precautions are in order. Handle as you would rich, dark soil or compost: keep it out of your mouth, eyes, lungs, and broken skin. Wash hands after handling, and before eating, drinking, or smoking. If clothes are heavily soiled with product, wash separately from other clothes.