



Howard Johnson's Enterprises

MATERIAL SAFETY DATA SHEET

Professional Nutri-Life Granular

Section 1: Product Identification

Product Names: Professional Nutri-Life Granular
 EPA Reg. Number: None
 Chemical Name: Mixtures. Ground Corncob with Microorganisms.
 Shipping Information: DOT:53910

Section 2: Composition/Information on Ingredients

<u>Chemical Name</u>	<u>CAS Registry Number</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>SARA 313 Reportable</u>
Not applicable, natural material	Varies	None	None	No

Section 3: Physical and Chemical Properties

Physical Form: Free Flowing Bulk Density: Not established
 pH: 4.5 Slurried in water Refractive Index: Not applicable
 Boiling Point: Not applicable Freezing Point: Not applicable
 Solubility in Water: Not applicable Viscosity: Free-flowing granules
 Vapor Pressure: Near 0.0 at 20°C Vapor Density: Not determined
 Percent Volatile: None Evaporation Rate: Not determined
 Appearance and Odor: Varies, Light Red- Tan: Odorless

Section 4: Fire and Explosion Hazard Data

Flash Point (°F): 350° open cup Flash Point Method: Not applicable
 Auto Ignition Temp. (°F): Not applicable Burning Rate: Not applicable
 Explosive Upper Limit (UEL): Not applicable Lower Limit (LEL): Not applicable
 Limits:
 Extinguishing Media: Water, carbon dioxide, dry chemical or foam.
 Special Firefighting Procedures: Fire fighters should wear full protective gear and self-contained breathing apparatus.
 Unusual Fire or Explosion Hazards: Decomposes at extremely high temperatures



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Section 5: Health Hazard Data

Primary Routes of Entry: Inhalation, ingestion

Signs and Symptoms of Over-Exposure:

Eye Contact: Acute: Mild, reversible irritation to the eye. Chronic: None known.

Skin Contact: Acute: May cause irritation. Chronic: None known.

Inhalation: Acute: Dust may be irritating. Chronic: None known

Ingestion: Acute: No information. Chronic: None known.

Emergency First Aid Procedures:

Eye Contact: Flush with water

Skin Contact: wash with soap and water.

Inhalation: Remove person to fresh air.

Medical conditions aggravated by exposure: None known

Target Organs: None known.

Section 6: Reactivity Data

Stability: Stable.

Chemical incompatibilities: Strong Oxidizers.

Conditions to avoid: None – product is stable.

Hazardous Polymerization: Will not occur.

Section 7: Accidental Release Procedures

Spill or Leak Procedures: Can be swept, shoveled or vacuumed into containers

Waste Disposal Methods: Dispose of in accordance with applicable local, state and federal regulations.

Section 8: Exposure Controls and Personal Protection

Engineering Controls – Ventilation: Not applicable

Administrative Controls: Follow all precautions and directions for use on product label.



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Protective Clothing and Equipment:	Not applicable
Respiratory Protection:	For normal handling and use, a respirator is not required. For excessively dusty conditions, use a dust mask approved by MSHA/NIOSH. See OSHA regulations in 29 CFR § 1910.134 before using any respirator or dust mask.
Eye Protection:	Good safety practices suggest the use of goggles to prevent contact with eyes.
Hand Protection:	Good safety practices suggest the use of chemical-resistant (natural rubber) gloves, to prevent skin contact.
Skin Protection:	Wear long-sleeved shirt and long trousers to reduce skin contact.
Contaminated Equipment:	Laundry contaminated clothing separately from street clothes. Clean contaminated boots/shoes and other equipment with detergent and water immediately after use.
Safety Stations:	Clean water should be available to flush eyes and/or skin in case of accidental contact.

Section 9: Handling and Storage Precautions

Handling Precautions:	Wear appropriate protective gear when handling open containers. Do not take internally. Avoid contact with eyes, skin or clothing. Wash thoroughly after handling.
Storage Requirements:	Store in a locked, dry area, away from feed or food, and out of reach of children, pets and domestic animals. Keep containers tightly closed when not in use. Store in original container only. DO NOT FREEZE. Do not remove or destroy product label. Dispose of empty containers as specified on product label.

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By: Compliance Manager

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