



Howard Johnson's Enterprises

MATERIAL SAFETY DATA SHEET

Professional Nutri-Life with Fertilizers

Section 1: Product Identification

Product Names: Nutri-Life with Fertilizer

EPA Reg. Number: None

Chemical Name: Mixtures. Organic fertilizers with Microorganisms.

Shipping Information: Not regulated by U.S. DOT for all modes of transportation within the U.S.

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>
Fertilizer ingredients as listed on "Derived From" section of the guaranteed analysis on product label (varies by fertilizer grade). Non-hazardous.	Varies	None	None	No

Section 3: Physical and Chemical Properties

Physical Form:	Granular solid	Bulk Density:	Not established
pH:	Not applicable	Refractive Index:	Not applicable
Boiling Point:	Not applicable	Freezing Point:	Not applicable
Solubility in Water:	Slight	Viscosity:	Free-flowing granules
Vapor Pressure:	Not determined	Vapor Density:	Not determined
Percent Volatile:	None	Evaporation Rate:	Not determined
Appearance and Odor:	Light brown granule with slight earthy odor.		

Section 4: Fire and Explosion Hazard Data

Flash Point (°F):	No Information	Flash Point Method:	Not applicable
Auto Ignition Temp. (°F):	Not applicable	Burning Rate:	Not applicable
Explosive Limits:	Upper Limit (UEL): Not applicable	Lower Limit (LEL):	Not applicable
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, skin or eye contact.

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 Decomposition Products: Thermal decomposition (burning) may produce CO, CO₂, and NO_x.

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:	Launder 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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