



**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

Chemical Product

BRANDT NOCULATE LIQUID

Common Name: Liquid Microbial Inoculant.  
Chemical Description: A proprietary blend of naturally occurring, non pathogenic, non genetically altered beneficial soil microorganisms.  
TSCA/CAS No.: This product is a mixture — there is no specific CAS number.

Manufactured For

Brandt Consolidated, Inc.  
2935 So. Koke Mill Road  
Springfield, IL 62711

Emergency Phone Numbers

CHEMTREC (24-Hour Emergency Number): (800) 424-9300  
EPA National Response Center: (800) 424-8802

**SECTION 2. HAZARDOUS INGREDIENTS**

CHEMICAL	CAS NO.	%	TLV OR PEL	RQ (lbs)
None.				

**SECTION 3. EMERGENCY/HAZARDS OVERVIEW**

Clear light brown liquid with characteristic fermentation odor. Moderately irritating to the eyes. Not D.O.T. regulated.

HEALTH: 1      REACTIVITY: 0      FLAMMABILITY: 0      ENVIRONMENT: 0  
(0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme)

**SECTION 4. FIRST AID**

Eyes: Flush eyes with cool water and consult physician if irritation persists.  
Skin: Wash hands after use. If irritation occurs/persists consult with physician.  
Ingestion: Give demulcent (milk). Consult physician.  
Inhalation: Consult physician if problem occurs.  
Other: None.

**SECTION 5. FIRE AND EXPLOSION HAZARDS**

Flash Point: Not flammable.  
Test Method: Not available.  
LEL Flammable Limits: Not available.  
UEL Flammable Limits: Not available.  
Autoignition Temperature: Not available.  
Flammability Classification: Not available  
Known Hazardous Products of Combustion: Not available.  
Properties that Initiate/Contribute to Intensity of Fire: Not available.

**SECTION 5. FIRE AND EXPLOSION HAZARDS, Continued**

Potential For Dust Explosion:	Not available.
Reactions that Release Flammable Gases or Vapors:	Not available.
Potential For Release of Flammable Vapors:	Not available.
Unusual Fire & Explosion Hazards:	None.
Extinguishing Media:	Use appropriate media for underlying cause, product not flammable.
Special Firefighting Procedures:	Wear self-contained breathing apparatus.

**SECTION 6. SPILLS AND LEAKS**

Containment:	Prevent product spillage from entering waterways.
Clean Up:	Mop up and discard in accordance with Federal, State and Local bacteria protocol.
Evacuation:	Not necessary.

**SECTION 7. STORAGE AND HANDLING**

Storage:	Store in original container tightly closed. Avoid excessive heat and direct sunlight. Store in a cool, dry place. Always follow label directions! For additional information call (888)24 GREEN.
Transfer Equipment:	Transfer product using chemical-resistant plastic tanks, pumps, valves, etc.
Work/Hygienic Practices:	Keep out of reach of children. May cause moderate eye irritation. If swallowed may cause slight stomach irritation. Incompatible with strong acid and alkali, organic solvents, and strong oxidizing agents. After using this product wash hands thoroughly.

**SECTION 8. PERSONAL PROTECTIVE EQUIPMENT**

Eyes:	Under normal conditions none required, if potential for drift exists wear goggles.
Skin:	Wear pants, shirt, shoes and socks. Gloves may be worn by individuals with sensitive skin.
Ventilation:	Under normal circumstances none required.

**SECTION 9. PHYSICAL AND CHEMICAL DATA**

Appearance:	Clear light brown liquid.
Odor:	Characteristic fermentation.
pH:	Not available.
Vapor Pressure:	Not available.
Vapor Density (Air=1):	Not available.
Boiling Point:	100°C
Freezing Point:	Not available.
Water Solubility:	100% Soluble.
Density:	9.17 lbs/gal.
Evaporation Rate:	Not available.
Viscosity:	Not available.
% Volatile:	Not available.
Octanol/Water Partition Coefficient:	Not available.
Saturated Vapor Concentration:	Not available.

**SECTION 10. STABILITY AND REACTIVITY**

Stability: Stable under normal conditions.  
Incompatibility: Strong acid & alkali, organic solvents and strong oxidizing agents.  
Hazardous Decomposition Products: None.  
Hazardous Polymerization: None.

**SECTION 11. POTENTIAL HEALTH EFFECTS**

Acute Effects:  
Eyes: Moderate irritant, avoid contact.  
Skin: No known hazards.  
Ingestion: No known hazards in small quantities. Large quantities will cause GI irritation.  
Inhalation: Avoid breathing excessive dust, this may cause irritation to respiratory tract.  
Chronic Effects: None known.

**SECTION 12. ECOLOGICAL INFORMATION**

Algal/Lemna Growth Inhibition: Not available.  
Toxicity to Fish and Invertebrates: Not available.  
Toxicity to Plants: Not available.  
Toxicity in Birds: Not available.

**SECTION 13. DISPOSAL**

Dispose in accordance with Federal, State and Local bacteria protocol.

**SECTION 14. TRANSPORTATION**

D.O.T.: Not D.O.T. Regulated.  
Other Shipping Description: Fertilizing Compounds (Manufactured), Liquid.  
NMFC Item 68140 Sub 6, LTL Class 70

**SECTION 15. REGULATORY INFORMATION**

CERCLA: None  
SARA Title III, Section 313 Toxic Chemicals: None  
Proposition 65 (CA): None

**SECTION 16. OTHER**

The information in this data sheet does not constitute any contractual warrant as to product properties and is based on the current state of knowledge. For all chemical emergencies, call CHEMTREC at (800)424-9300