



Material Safety Data Sheet

This MSDS is prepared in accordance with OSHA 29 CFR 1910.1200

WHMIS (Pictograms)		WHMIS (Classification)		HCS	
Section 1. Chemical Product and Company Identification					
Product Name/ Trade name		Green Earth Push Drain Maintainer Floor Cleaner and Spotter		Code	133
Synonym		Liquid Bacteria / Digester/Spotter		Version Number	2.0
Chemical Family		Not applicable.		Validation Date	2/16/2011
Chemical Formula		Not applicable.		Print Date	2/16/2011
Manufacturer/ Supplier		Betco Corporation 1001 Brown Avenue Toledo, Oh 43607 (419) 241-2156		In Case of Emergency	Chemtrec (800) 424-9300
TSCA		TSCA Inventory: All components listed or are exempt from listing.			
DSL/ NDSL		All components listed unless noted elsewhere on this MSDS			
				Protective Clothing 	

Section 2. Composition and Information on Ingredients				
Name	CAS #	% by Weight	Exposure Limits	LC ₅₀ /LD ₅₀
Live Bacteria Dispersion	N/A	1 - 10	Not available.	Not available.

Section 3. Hazards Identification	
Potential Acute Health Effects	This product may irritate eyes upon contact.
Potential Chronic Health Effects	There is no known effect from chronic exposure to this product.
Carcinogenic Effects	Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.

Section 4. First Aid Measures	
Eye Contact	May Infect Eyes. Check for and remove any contact lenses. DO NOT use an eye ointment. Seek medical attention.
Skin Contact	May infect open wounds Rinse with plenty of running water. Seek medical attention.
Inhalation	Allow the victim to rest in a well ventilated area. Seek immediate medical attention.
Ingestion	May be irritating to gastrointestinal system, mouth, throat, and esophagus. Vomiting and diarrhea expected with large doses. Have conscious person drink several glasses of water or milk. Seek medical attention.

Section 5. Fire Fighting Measures

Products of Combustion Not available.

Fire Fighting Media and Instructions DO NOT use water jet. Use DRY chemicals, CO2, water spray or foam.

Special Remarks on Fire Hazards No additional remark.

Special Remarks on Explosion Hazards No additional remark.

Section 6. Accidental Release Measures

Small Spill and Leak Clean the spill area with running water.

Large Spill and Leak Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Personal Protection in Case of a Large Spill Safety glasses. Impervious gloves. Light protective clothing. Boots.

Section 7. Handling and Storage

Precautions Avoid contact with eyes. Do not ingest.

Incompatibility Do not use in the presence of disinfectants or bleach.

Storage Keep out of the reach of children. Keep away from food, drink and animal feeding stuffs. Store in a dry, cool and well-ventilated area.

Section 8. Exposure Controls/Personal Protection

Engineering Controls Good general ventilation should be sufficient to control airborne levels.

Personal Protection

Eyes Safety glasses.

Body No special protective clothing is required.

Respiratory A respirator is not needed under normal and intended conditions of product use.

Hands Gloves.

Protective Clothing
(Pictograms)



Exposure Limits See Section 2 For Applicable Exposure Limits

Section 9. Physical and Chemical Properties

Physical State and Appearance Liquid.

Odor Pleasant.

Molecular Weight Not applicable.

Taste Not available.

pH 6.5-8.5

Color White.

Boiling/Condensation Point 100°C (212°F)

Melting/Freezing Point Not available.

Critical Temperature Not available.

Instability Temperature Not available.

Specific Gravity 1 (Water = 1)

Vapor Pressure not available

Vapor Density	>1 (Air = 1)
Volatility	> 90%
VOC	0.0 %
Evaporation Rate	<1 compared to Water
Dispersion Properties	Not available.
Solubility	Not available.
The Product is:	Non-flammable.
Auto-ignition Temperature	Not available.
Flash Points	CLOSED CUP: >98.889°C (210°F).
Flammable Limits	Not available.
Fire Hazards in Presence of Various Substances	No specific information is available in our database regarding the flammability of this product in presence of various materials.
Explosion Hazards in Presence of Various Substances	Drums Heated By Fire Can explode

Section 10. Stability and Reactivity Data

Stability	The product is stable.
Incompatibility with Various Substances	Do not use in the presence of disinfectants or bleach.
Hazardous Decomposition Products	Not determined.

Section 11. Toxicological Information

Routes of Entry	Eyes Dermal contact.
Toxicity to Animals	Not determined.
Acute Effects on Humans	
Eyes	May infect eyes
Skin	No known acute effects of this product resulting from skin contact.
Inhalation	No known significant effects or critical hazards.
Ingestion	Hazardous in case of ingestion. Irritating to mouth, throat and stomach.
Chronic Effects on Humans	There is no known effect from chronic exposure to this product.
Special Remarks on Toxicity to Animals	No additional remark.
Special Remarks on Chronic Effects on Humans	No additional remark.

Section 12. Ecological Information

Ecotoxicity	Not available.
BOD5 and COD	Will not occur
Products of Biodegradation	Not determined.
Toxicity of the Products of Biodegradation	Not available.
Special Remarks on the Products of Biodegradation	No additional remark.

Section 13. Disposal Considerations

Waste Information	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
Waste Stream	Not available.

Section 14. Transport InformationDOT (U.S.A)
(Pictograms)

TDG Classification Not controlled under TDG (Canada).



PIN UN, Proper Shipping Name, PG Not applicable.

Maritime Transportation Not available.

Special Provisions for Transport Not applicable.

Section 15. Other Regulatory Information and Pictograms

WHMIS (Classification)

Regulatory Lists No products were found.

Other Regulations Not available. or of its ingredients

Other Classifications

HCS (U.S.A.)

USA Regulatory Lists

This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm reportable under Prop 65.

DSD (EEC)

This product is not classified according to the EU regulations.

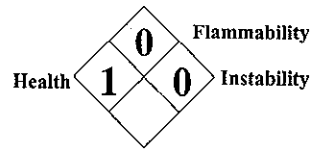
International Regulations Lists

No products were found.

**Hazardous Material
Information System
(U.S.A.)**

Health	1
Flammability	0
Physical Hazard	0

**National Fire
Protection
Association
(U.S.A.)**



The Hazard Ranking systems presented on this MSDS provide only a quick reference for hazard information. The ENTIRE MSDS must be consulted to determine any specific hazards, First Aid measures, and PPE associated with this product.

Section 16. Other Information

Validated by LMorsch on 2/16/2011.

Verified by LMorsch.

Printed 2/16/2011.

Information Contact Betco Corporation
1001 Brown Avenue
Toledo, Ohio 43607

Notice to Reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Validated on 2/16/2011.

**Green Earth Push Drain Maintainer
Floor Cleaner and Spotter**

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