




Material Safety Data Sheet

This MSDS is prepared in accordance with OSHA 29 CFR 1910.1200

WHMIS (Pictograms)	WHMIS (Classification)	HCS
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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	
<i>Eyes</i>	Safety glasses.
<i>Body</i>	No special protective clothing is required.
<i>Respiratory</i>	A respirator is not needed under normal and intended conditions of product use.
<i>Hands</i>	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	<p><i>Eyes</i> May infect eyes</p> <p><i>Skin</i> No known acute effects of this product resulting from skin contact.</p> <p><i>Inhalation</i> No known significant effects or critical hazards.</p> <p><i>Ingestion</i> Hazardous in case of ingestion. Irritating to mouth, throat and stomach.</p>
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.

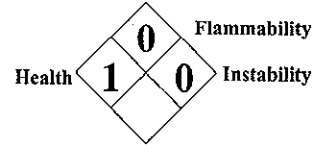
Section 14. Transport Information	
DOT (U.S.A) (Pictograms)	
TDG Classification	Not controlled under TDG (Canada). 
PIN UN, Proper Shipping Name, PG	Not applicable.
Maritime Transportation	Not available.
Special Provisions for Transport	Not applicable.

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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