




Material Safety Data Sheet

This MSDS is prepared in accordance with OSHA 29 CFR 1910.1200

	Not controlled under WHMIS (Canada).	Not an HCS controlled material in USA.
WHMIS (Pictograms)	WHMIS (Classification)	HCS

Section 1. Chemical Product and Company Identification

Product Name/ Trade name	Green Earth Natural All Purpose Cleaner (Diluted)	Code	198
Synonym	Cleaner.	Version Number	1.1
Chemical Family	Not available.	Validation Date	10/18/2011
Chemical Formula	Not applicable.	Print Date	10/18/2011
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
Ethoxylated Alcohol	68551-12-2	< 0.5	Not available.	Not available.
Coconut Diethanolamide	N/A	< 0.5	Not available.	Not available.
Alkylpolyglucosides	68515-73-1	< 0.5	Not available.	Not available.
Sodium Tallate	61790-45-2	< 0.5	Not available.	Not available.

Section 3. Hazards Identification

Potential Acute Health Effects	Slightly hazardous in case of ingestion, of inhalation. Non-irritant for skin.
Potential Chronic Health Effects	Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.
Carcinogenic Effects	Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.

Section 4. First Aid Measures

Eye Contact	In case of contact with eyes, rinse immediately with plenty of water. Seek medical attention if irritation persists.
Skin Contact	After contact with skin, wash immediately with plenty of water. Seek medical attention if irritation persists.
Inhalation	Remove person from exposure.
Ingestion	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 SMALL FIRE: Use DRY chemical powder.
LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

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

Large Spill and Leak Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

Personal Protection in Case of a Large Spill Splash goggles. Gloves. Boots.

Section 7. Handling and Storage

Precautions After handling, always wash hands thoroughly with soap and water.

Incompatibility Not available.

Storage Keep out of the reach of children.

Section 8. Exposure Controls/Personal Protection

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

Personal Protection

Eyes No special protective clothing is required.

Body No additional special protective clothing is required.

Respiratory No additional special protective clothing is required.

Hands No additional special protective clothing is required.

Protective Clothing (Pictograms)

Exposure Limits See Section 2 For Applicable Exposure Limits

Section 9. Physical and Chemical Properties

Physical State and Appearance Liquid.

Odor Citrus

Molecular Weight Not applicable.

Taste

pH 8.5 to 9.75 [Basic.]

Color Amber.

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

Melting/Freezing Point Not available.

Critical Temperature Not available.

Instability Temperature Not available.

Specific Gravity 1.00734 (Water = 1)

Vapor Pressure Not available.

Vapor Density	Not available.
Volatility	> 95%
VOC	< 0.5 % (CARB)
Evaporation Rate	Not available.
Dispersion Properties	Easily dispersed in any proportion in cold water and hot water.
Solubility	Easily soluble in water
The Product is:	May be combustible at high temperature.
Auto-ignition Temperature	Not available.
Flash Points	>210 F (TCC)
Flammable Limits	Not available.
Fire Hazards in Presence of Various Substances	Not determined.
Explosion Hazards in Presence of Various Substances	No special explosion hazards associated with this product

Section 10. Stability and Reactivity Data

Stability	The product is stable.
Incompatibility with Various Substances	Not available.
Hazardous Decomposition Products	Not available.

Section 11. Toxicological Information

Routes of Entry	Eye contact. Inhalation. Ingestion.
Toxicity to Animals	LD50: Estimated Oral (Rat) >5000 mg/kg
Acute Effects on Humans	
	<i>Eyes</i> Mildly irritating to the eyes.
	<i>Skin</i> Non-irritant for skin.
	<i>Inhalation</i> Slightly hazardous in case of inhalation.
	<i>Ingestion</i> Slightly hazardous in case of ingestion.
Chronic Effects on Humans	Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.
Special Remarks on Toxicity to Animals	No additional remark.
Special Remarks on Chronic Effects on Humans	No additional remark.

Section 12. Ecological Information

Ecotoxicity Estimated to have low aquatic toxicity.

BOD5 and COD Not available.

Products of Biodegradation Not available.

Toxicity of the Products of Biodegradation Not available.

Special Remarks on the Products of Biodegradation Not available.

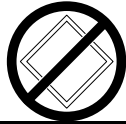
Section 13. Disposal Considerations

Waste Information Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Waste Stream Non Hazardous

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) Not controlled under WHMIS (Canada).



Regulatory Lists No products were found.

Other Regulations Not available. or of its ingredients

Other Classifications

HCS (U.S.A.) Not an HCS controlled material in USA.

USA Regulatory Lists No products were found.

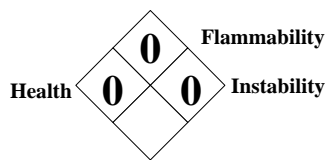
DSD (EEC) This product is not classified according to the EU regulations.

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 10/18/2011.

Verified by LMorsch.

Printed 10/18/2011.

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 10/18/2011.

**Green Earth Natural All Purpose
Cleaner (Diluted)**

Page: 5/5