





# Material Safety Data Sheet

This MSDS is prepared in accordance with OSHA 29 CFR 1910.1200

	Not controlled under WHMIS (Canada).	HCS Class: Irritating substance.
WHMIS (Pictograms)	WHMIS (Classification)	HCS

## Section 1. Chemical Product and Company Identification

<b>Product Name/ Trade name</b>	<b>Green Earth Natural All Purpose Cleaner</b>	<b>Code</b>	<b>198</b>
<b>Synonym</b>	Cleaner.	<b>Version Number</b>	1.1
<b>Chemical Family</b>	Not available.	<b>Validation Date</b>	10/18/2011
<b>Chemical Formula</b>	Not applicable.	<b>Print Date</b>	10/18/2011
<b>Manufacturer/ Supplier</b>	Betco Corporation 1001 Brown Avenue Toledo, Oh 43607 (419) 241-2156	<b>In Case of Emergency</b>	Chemtrec (800) 424-9300
<b>TSCA</b>	TSCA Inventory: All components listed or are exempt from listing.		
<b>DSL/ NDSL</b>	All components listed unless noted elsewhere on this MSDS		
		<b>Protective Clothing</b> 	

## Section 2. Composition and Information on Ingredients

Name	CAS #	% by Weight	Exposure Limits	LC <sub>50</sub> /LD <sub>50</sub>
Ethoxylated Alcohol	68551-12-2	1 - 5	Not available.	Not available.
Coconut Diethanolamide	N/A	1 - 5	Not available.	Not available.
Alkylpolyglucosides	68515-73-1	1 - 5	Not available.	Not available.
Sodium Tallate	61790-45-2	1 - 5	Not available.	Not available.

## Section 3. Hazards Identification

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

## Section 4. First Aid Measures

<b>Eye Contact</b>	In case of contact with eyes, rinse immediately with plenty of water. Seek medical attention if irritation persists.
<b>Skin Contact</b>	After contact with skin, wash immediately with plenty of water. Seek medical attention if irritation persists.
<b>Inhalation</b>	Remove person from exposure.
<b>Ingestion</b>	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	
<i>Eyes</i>	Safety glasses.
<i>Body</i>	No additional special protective clothing is required.
<i>Respiratory</i>	No additional special protective clothing is required.
<i>Hands</i>	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)		

<b>Vapor Pressure</b>	Not available.
<b>Vapor Density</b>	Not available.
<b>Volatility</b>	> 80 %
<b>VOC</b>	< 0.5 % (CARB)
<b>Evaporation Rate</b>	Not available.
<b>Dispersion Properties</b>	Easily dispersed in any proportion in cold water and hot water.
<b>Solubility</b>	Easily soluble in water
<b>The Product is:</b>	May be combustible at high temperature.
<b>Auto-ignition Temperature</b>	Not available.
<b>Flash Points</b>	>210 F (TCC)
<b>Flammable Limits</b>	Not available.
<b>Fire Hazards in Presence of Various Substances</b>	Not determined.
<b>Explosion Hazards in Presence of Various Substances</b>	No special explosion hazards associated with this product

### **Section 10. Stability and Reactivity Data**

<b>Stability</b>	The product is stable.
<b>Incompatibility with Various Substances</b>	Not available.
<b>Hazardous Decomposition Products</b>	Not available.

### **Section 11. Toxicological Information**

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

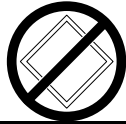
### Section 13. Disposal Considerations

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.) HCS Class: Irritating substance.

USA Regulatory Lists No products were found.

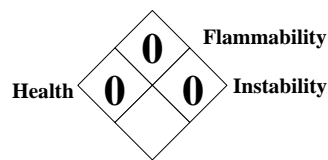
DSD (EEC) This product is not classified according to the EU regulations.

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**

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