





# Material Safety Data Sheet

This MSDS is prepared in accordance with OSHA 29 CFR 1910.1200

|   |  |   |
|---|--|---|
| <br>WHMIS (Pictograms) | Not controlled under WHMIS (Canada). WHMIS Class D-2B: Material causing other toxic effects (TOXIC).<br>WHMIS (Classification) | HCS Class: Irritating substance.<br>HCS |
|---|--|---|

## Section 1. Chemical Product and Company Identification

|                          |  |  |                         |
|--------------------------|--|--|-------------------------|
| Product Name/ Trade name | <b>Green Earth Daily Floor Cleaner</b>   | Code   | 536                     |
| Synonym                  | Neutral Cleaner  | CAS #  | Not applicable.         |
| Chemical Family          | Not available.   | Validation Date  | 4/14/2004               |
| Chemical Formula         | Not applicable.  | Print Date   | 5/6/2004                |
| Manufacturer/ Supplier   | Betco Corporation<br>1001 Brown Avenue<br>Toledo, Ohio 43607<br>(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<br> |                         |

## Section 2. Composition and Information on Ingredients

| Name                        | CAS # | % by Weight | Exposure Limits | LC <sub>50</sub> /LD <sub>50</sub> |
|-----------------------------|-------|-------------|-----------------|------------------------------------|
| 1) Alcohol Ethoxylate Blend | N/A   | 1-5         | Not available.  | Not available.                     |

## Section 3. Hazards Identification

|                                  |   |
|----------------------------------|---|
| Potential Acute Health Effects   | This product is an eye irritant. May cause mild irritation to the skin. |
| 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  | Mildly irritating to the eyes. In case of contact with eyes, rinse immediately with plenty of water. Seek medical attention.                                   |
| Skin Contact | NO known EFFECT on skin contact; rinse with water for a few minutes. If irritation persists, seek medical attention.   |
| Inhalation   | N/A  |
| Ingestion    | May be irritating to gastrointestinal system, mouth, throat, and esophagus. Vomiting and diarrhea expected with large doses. Seek immediate medical attention. |

### Section 5. Fire Fighting Measures

|                                      |                |
|--------------------------------------|----------------|
| Products of Combustion               | Not available. |
| Fire Fighting Media and Instructions | N/A            |
| Special Remarks on Fire Hazards      | N/A            |
| Special Remarks on Explosion Hazards | N/A            |

### Section 6. Accidental Release Measures

|  |   |
|--|---|
| Small Spill and Leak                         | Absorb with an inert material and place in an appropriate waste disposal container.   |
| 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 | Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product. |

### Section 7. Handling and Storage

|                 |  |
|-----------------|--|
| Precautions     | Avoid contact with eyes.   |
| Incompatibility | None known.  |
| Storage         | Keep out of reach of children. Keep container tightly closed. For Institutional and Commercial Use |

### 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* Not applicable.

*Hands* Gloves.

#### Protective Clothing (Pictograms)



Exposure Limits Not available.

### Section 9. Physical and Chemical Properties

|                               |                   |       |                         |
|-------------------------------|-------------------|-------|-------------------------|
| Physical State and Appearance | Liquid.           | Odor  | Characteristic.         |
| Molecular Weight              | Not applicable.   | Taste | Disagreeable. (Slight.) |
| pH                            | 7 to 8.5 [Basic.] | Color | Yellow. (Light.)        |
| Boiling/Condensation Point    | 212°F initial     |       |                         |
| Melting/Freezing Point        | Not available.    |       |                         |
| Critical Temperature          | Not available.    |       |                         |
| Instability Temperature       | Not available.    |       |                         |
| Specific Gravity              | 1 (Water = 1)     |       |                         |
| Vapor Pressure                | 20mm Hg @ 68°F    |       |                         |

|  |                                |
|--|--------------------------------|
| <b>Vapor Density</b>                                       | >1 (Air = 1)                   |
| <b>Volatility</b>  | 90                             |
| <b>VOC</b>   | 0 (g/l). (0 lbs. Gal)          |
| <b>Evaporation Rate</b>                                    | <1 compared to Water           |
|  |                                |
|  |                                |
| <b>Dispersion Properties</b>                               | See solubility in water.       |
| <b>Solubility</b>  | Easily soluble in cold water.  |
| <b>The Product is:</b>                                     | Non-flammable.                 |
| <b>Auto-ignition Temperature</b>                           | Not available.                 |
| <b>Flash Points</b>  | CLOSED CUP: >98.889°C (210°F). |
| <b>Flammable Limits</b>                                    | Not available.                 |
| <b>Fire Hazards in Presence of Various Substances</b>      | Non-flammable.                 |
| <b>Explosion Hazards in Presence of Various Substances</b> | Not applicable                 |

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

|  |                        |
|--|------------------------|
| <b>Stability</b>                               | The product is stable. |
| <b>Incompatibility with Various Substances</b> | None known.            |
| <b>Hazardous Decomposition Products</b>        | Will not occur.        |

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

|   |   |
|---|---|
| <b>Routes of Entry</b>                              | Not available.  |
| <b>Toxicity to Animals</b>                          | Acute oral toxicity (LD50): 3030 mg/kg [Rat]. (Tetrasodium EDTA).   |
| <b>Acute Effects on Humans</b>                      |   |
|   | <i>Eyes</i> Eye irritant. May cause redness and swelling of the conjunctiva.  |
|   | <i>Skin</i> Defatting to skin on repeated contact.  |
|   | <i>Inhalation</i> N/A   |
|   | <i>Ingestion</i> May be irritating to the gastrointestinal system. Vomiting and diarrhea expected with large doses. |
| <b>Chronic Effects on Humans</b>                    | There is no known effect from chronic exposure to this product.   |
| <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                                       | Not available.  |
| BOD5 and COD                                      | Not available.  |
| Products of Biodegradation                        | Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise. |
| Toxicity of the Products of Biodegradation        | Not available.  |
| Special Remarks on the Products of Biodegradation | No additional remark.   |

**Section 13. Disposal Considerations**

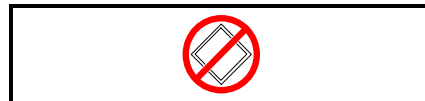
|                   |  |
|-------------------|--|
| Waste Information | Any method in accordance with applicable laws. |
| Waste Stream      | Not available.                                 |

**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) Not controlled under WHMIS (Canada). WHMIS Class D-2B: Material causing other toxic effects (TOXIC).



Regulatory Lists No products were found.

Other Regulations Not available. or of its ingredients

Other Classifications

|                             |  |
|-----------------------------|--|
| <b>HCS (U.S.A.)</b>         | HCS Class: Irritating substance.   |
| <b>USA Regulatory Lists</b> | California prop. 65: This product contains the following ingredients for which the State of California has found to cause reproductive harm (female) which would require a warning under the statute: Ethylene Oxide < 1 ppm<br>California prop. 65: This product contains the following ingredients for which the State of California has found to cause cancer which would require a warning under the statute: Ethylene Oxide <1 ppm<br>Massachusetts RTK: Ethylene Oxide |
| <b>DSD (EEC)</b>            | This product is not classified according to the EU regulations.  |

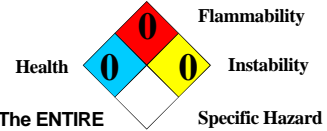
International  
Regulations Lists

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 CRushton on 4/14/2004.

Verified by CRushton.

Printed 5/6/2004.

**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 4/14/2004.

**Green Earth Daily Floor Cleaner**

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