



# Material Safety Data Sheet

This MSDS is prepared in accordance with OSHA 29 CFR 1910.1200

|                    |  |                                  |
|--------------------|--|----------------------------------|
|                    | <b>CLASS D-2B: Material causing other toxic effects (TOXIC).</b> | HCS Class: Irritating substance. |
| WHMIS (Pictograms) | WHMIS (Classification)   | HCS                              |

## Section 1. Chemical Product and Company Identification

|                                     |  |                                 |                         |
|-------------------------------------|--|---------------------------------|-------------------------|
| <b>Product Name/<br/>Trade name</b> | <b>Green Earth Velocity</b>  | <b>Code</b>                     | <b>197</b>              |
| <b>Synonym</b>                      | Non Butyl Degreaser  | <b>CAS #</b>                    | Mixture.                |
| <b>Chemical Family</b>              | Not available.   | <b>Validation Date</b>          | 12/9/2008               |
| <b>Chemical Formula</b>             | Not applicable.  | <b>Print Date</b>               | 12/9/2008               |
| <b>Manufacturer/ Supplier</b>       | Betco Corporation<br>1001 Brown Avenue<br>Toledo, Oh 43607<br>(419) 241-2156 | <b>In Case of<br/>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>   |
|----------------------------------|------------|-------------|-----------------|--|
| Propylene Glycol phenyl ether    | 770-35-4   | 20 - 25     | Not available.  | Not available.   |
| Propylene Glycol NButyl Ether    | 5131-66-8  | 10 - 15     | Not available.  | ORAL (LD50): Acute:<br>3200 mg/kg [Rat].<br>DERMAL (LD50): Acute:<br>>2000 mg/kg [Rabbit]. |
| Tripropylene Glycol Methyl Ether | 25498-49-1 | 5 - 10      | Not available.  | ORAL (LD50): Acute:<br>3200 mg/kg [Rat].<br>DERMAL (LD50): Acute:<br>20 mg/kg [Rabbit].    |
| Anionic Surfactant               | 25155-30-0 | 5 - 10      | Not available.  | Not available.   |
| Surfactant Hydrotope             | 68127-33-3 | 5 - 10      | Not available.  | ORAL (LD50): Acute:<br>>6000 mg/kg [Rat].  |
| Perfume Oil                      | N/A        | 0 - 5       | Not available.  | Not available.   |

## Section 3. Hazards Identification

|   |  |
|---|--|
| <b>Potential Acute Health Effects</b>   | Hazardous in case of eye contact (irritant). Slightly hazardous in case of skin contact (irritant), of ingestion. Non-corrosive for skin. Non-corrosive to the eyes. |
| <b>Potential Chronic Health Effects</b> | May aggravate existing respiratory conditions such as asthma.  |
| <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.  |
| <b>Skin Contact</b> | Wash with soap and water. Get medical attention if irritation develops.  |
| <b>Inhalation</b>   | If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention. |
| <b>Ingestion</b>    | Do not induce vomiting. Have conscious person drink two glasses of water. Seek medical attention.  |

### Section 5. Fire Fighting Measures

|   |  |
|---|--|
| <b>Products of Combustion</b>               | Not available.   |
| <b>Fire Fighting Media and Instructions</b> | Use absorbent chemicals or DRY sand.   |
| <b>Special Remarks on Fire Hazards</b>      | Vapor may travel considerable distance to source of ignition and flash back. FLAMMABLE. When mixed with air and exposed to ignition source, vapors can burn in open or explode if confined. Fine powder forms flammable and explosive mixtures in air. (Propylene Glycol NButyl Ether) |
| <b>Special Remarks on Explosion Hazards</b> | Not available.   |

### Section 6. Accidental Release Measures

|   |  |
|---|--|
| <b>Small Spill and Leak</b>                         | Absorb with an inert material and place in an appropriate waste disposal container.          |
| <b>Large Spill and Leak</b>                         | Absorb with an inert material and put the spilled material in an appropriate waste disposal. |
| <b>Personal Protection in Case of a Large Spill</b> | Splash goggles. Full suit. Boots. Gloves.  |

### Section 7. Handling and Storage

|                        |  |
|------------------------|--|
| <b>Precautions</b>     | Avoid breathing vapors or spray mists. After handling, always wash hands thoroughly with soap and water. |
| <b>Incompatibility</b> | oxidizing agents   |
| <b>Storage</b>         | Keep out of the reach of children. Not for use or storage in or around the home.                         |

### Section 8. Exposure Controls/Personal Protection

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

**Personal Protection**

*Eyes* Safety glasses.

*Body*

*Respiratory* Wear appropriate respirator when ventilation is inadequate.

*Hands* Gloves (impervious).

**Protective Clothing (Pictograms)**



**Exposure Limits** Not available.

### Section 9. Physical and Chemical Properties

|  |  |              |              |
|--|--|--------------|--------------|
| <b>Physical State and Appearance</b>                       | Liquid.  | <b>Odor</b>  | Almond-like. |
| <b>Molecular Weight</b>                                    | Not applicable.  | <b>Taste</b> |              |
| <b>pH</b>  | 8  | <b>Color</b> | Yellowish.   |
| <b>Boiling/Condensation Point</b>                          | 100°C (212°F)  |              |              |
| <b>Melting/Freezing Point</b>                              | Not available.   |              |              |
| <b>Critical Temperature</b>                                | Not available.   |              |              |
| <b>Instability Temperature</b>                             | Not available.   |              |              |
| <b>Specific Gravity</b>                                    | 1.004 (Water = 1)  |              |              |
| <b>Vapor Pressure</b>                                      | Not available.   |              |              |
| <b>Vapor Density</b>                                       | >1 (Air = 1)   |              |              |
| <b>Volatility</b>  | >55% (v/v).  |              |              |
| <b>VOC</b>   | 14 (%)   |              |              |
| <b>Evaporation Rate</b>                                    | <1 compared to Water   |              |              |
|  |  |              |              |
|  |  |              |              |
| <b>Dispersion Properties</b>                               | See solubility in water.   |              |              |
| <b>Solubility</b>  | Soluble in cold water, hot water.                                  |              |              |
| <b>The Product is:</b>                                     | May be combustible at high temperature.                            |              |              |
| <b>Auto-ignition Temperature</b>                           | Not available.   |              |              |
| <b>Flash Points</b>  | CLOSED CUP: >93.333°C (200°F).                                     |              |              |
| <b>Flammable Limits</b>                                    | Not available.   |              |              |
| <b>Fire Hazards in Presence of Various Substances</b>      | Not available.   |              |              |
| <b>Explosion Hazards in Presence of Various Substances</b> | Slightly explosive in presence of open flames and sparks, of heat. |              |              |

### Section 10. Stability and Reactivity Data

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

### Section 11. Toxicological Information

**Routes of Entry** Absorbed through skin. Eye contact. Inhalation. Ingestion.

**Toxicity to Animals** LD50: Not available.  
LC50: Not available.

#### Acute Effects on Humans

*Eyes* Hazardous in case of eye contact (irritant). Non-corrosive to the eyes.

*Skin* Slightly hazardous in case of skin contact (irritant). Non-corrosive for skin. Skin inflammation is characterized by itching, scaling, or reddening.

*Inhalation* Irritant.

*Ingestion* Slightly hazardous in case of ingestion.

**Chronic Effects on Humans** May aggravate existing respiratory conditions such as asthma.

**Special Remarks on Toxicity to Animals** Not available.

**Special Remarks on Chronic Effects on Humans** Not available.

### Section 12. Ecological Information

**Ecotoxicity** Not available.

**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.

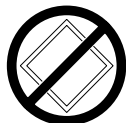
### Section 13. Disposal Considerations

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

**Waste Stream** 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) 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

HCS (U.S.A.) HCS Class: Irritating substance.

USA Regulatory Lists

SARA 311/312 MSDS distribution - chemical inventory - hazard identification: Propylene Glycol NButyl Ether: fire, immediate health hazard, delayed health hazard

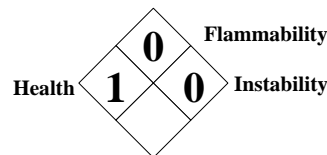
DSD (EEC) This product is not classified according to the EU regulations.

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 CRushton on 12/9/2008.

Verified by CRushton.

Printed 12/9/2008.

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 12/9/2008.

Green Earth Velocity

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