





Material Safety Data Sheet

This MSDS is prepared in accordance with OSHA 29 CFR 1910.1200

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

Section 1. Chemical Product and Company Identification

Product Name/ Trade name	Green Earth Velocity	Code	197
Synonym	Non Butyl Degreaser	Version Number	1.1
Chemical Family	Not available.	Validation Date	12/8/2011
Chemical Formula	Not applicable.	Print Date	12/8/2011
Manufacturer/ Supplier	Betco Corporation 1001 Brown Avenue Toledo, Oh 43607 (419) 241-2156	<u>In Case of Emergency</u>	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
Propylene Glycol phenyl ether	770-35-4	10 - 20	Not available.	Not available.
Propylene Glycol NButyl Ether	5131-66-8	10 - 20	Not available.	ORAL (LD50): Acute: 3200 mg/kg [Rat]. DERMAL (LD50): Acute: >2000 mg/kg [Rabbit].
Tripropylene Glycol Methyl Ether	25498-49-1	5 - 10	Not available.	ORAL (LD50): Acute: 3200 mg/kg [Rat]. DERMAL (LD50): Acute: 20 mg/kg [Rabbit].
DDBSA	25155-30-0	5 - 10	Not available.	Not available.

Section 3. Hazards Identification

Potential Acute Health Effects	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.
Potential Chronic Health Effects	May aggravate existing respiratory conditions such as asthma.
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.
Skin Contact	Wash with soap and water. Get medical attention if irritation develops.
Inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Ingestion	Do not induce vomiting. Have conscious person drink two glasses of water. Seek medical attention.

Section 5. Fire Fighting Measures

Products of Combustion Not determined.

Fire Fighting Media and Instructions Use DRY chemicals, CO₂, alcohol foam or water spray.

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 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.

Section 7. Handling and Storage

Precautions Avoid breathing vapors or spray mists. After handling, always wash hands thoroughly with soap and water.

Incompatibility oxidizing agents

Storage 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 No special protective clothing is required.

Respiratory Wear appropriate respirator when ventilation is inadequate.

Hands Gloves (impervious).

Protective Clothing (Pictograms)



Exposure Limits See Section 2 For Applicable Exposure Limits

Section 9. Physical and Chemical Properties

Physical State and Appearance Liquid.

Odor Almond-like.

Molecular Weight Not applicable.

Taste

pH 8

Color Yellowish.

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

Melting/Freezing Point Not available.

Critical Temperature Not available.

Instability Temperature Not available.

Specific Gravity 1.01 (Water = 1)

Vapor Pressure Not available.

Vapor Density	>1 (Air = 1)
Volatility	> 90 %
VOC	Not available.
Evaporation Rate	<1 compared to Water
Dispersion Properties	See solubility in water.
Solubility	Soluble in cold water, hot water.
The Product is:	May be combustible at high temperature.
Auto-ignition Temperature	Not available.
Flash Points	CLOSED CUP: >93.333°C (200°F).
Flammable Limits	Not available.
Fire Hazards in Presence of Various Substances	Not determined.
Explosion Hazards in Presence of Various Substances	Not determined.

Section 10. Stability and Reactivity Data	
Stability	The product is stable.
Incompatibility with Various Substances	oxidizing agents
Hazardous Decomposition Products	Not determined.

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	
<i>Eyes</i>	Hazardous in case of eye contact (irritant). Non-corrosive to the eyes.
<i>Skin</i>	Slight irritant
<i>Inhalation</i>	Slightly irritating to the respiratory system.
<i>Ingestion</i>	Slightly hazardous in case of ingestion.
Chronic Effects on Humans	May aggravate existing respiratory conditions such as asthma.
Special Remarks on Toxicity to Animals	No additional remark.
Special Remarks on Chronic Effects on Humans	No additional remark.

Section 12. Ecological Information

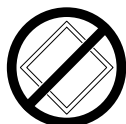
Ecotoxicity	Not available.
BOD5 and COD	Not available.
Products of Biodegradation	Not determined.
Toxicity of the Products of Biodegradation	Not determined.
Special Remarks on the Products of Biodegradation	No additional remark.

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) 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

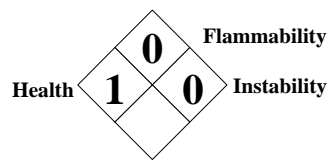
DSD (EEC)

This product is not classified according to the EU regulations.

**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 12/8/2011.

Verified by LMorsch.

Printed 12/8/2011.

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 12/8/2011.

Velocity

Page: 5/5