




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	Velocity At Dilution (1:15)	Code 197 At Dilution
Synonym	Non Butyl Degreaser	CAS # Mixture.
Chemical Family	Not available.	Validation Date 8/22/2005
Chemical Formula	Not applicable.	Print Date 8/22/2005
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.	Protective Clothing
DSL/ NDSL	All components listed unless noted elsewhere on this MSDS	

Section 2. Composition and Information on Ingredients				
Name	CAS #	% by Weight	Exposure Limits	LC ₅₀ /LD ₅₀
Water	7732-18-5	>90	Not available.	Not available.
Propylene Glycol phenyl ether	770-35-4	0-5	Not available.	Not available.
Propylene Glycol NButyl Ether	5131-66-8	0-5	Not available.	Not available.
Tripropylene Glycol Methyl Ether	25498-49-1	0-5	Not available.	Not available.
Anionic Surfactant	25155-30-0	0-5	Not available.	Not available.
Surfactant Hydrotope	68127-33-3	0-5	Not available.	Not available.
Perfume Oil	N/A	<1	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	Repeated or prolonged exposure is not known to aggravate any medical condition.
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 (16 oz.) of water. Seek medical attention.

Section 5. Fire Fighting Measures

Products of Combustion	Not available.
Fire Fighting Media and Instructions	Use absorbent chemicals or DRY sand.
Special Remarks on Fire Hazards	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. (Propylene Glycol NButyl Ether)
Special Remarks on Explosion Hazards	Not available.

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 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	
<i>Eyes</i>	Avoid contact with eyes. Under normal intended conditions of use, the incidence of eye contact is minimal. In instances where eye contact is possible, safety glasses may be worn.
<i>Body</i>	
<i>Respiratory</i>	A respirator is not needed under normal and intended conditions of product use.
<i>Hands</i>	Through normal intended conditions of use, skin contact is minimal. In instances where prolonged skin contact is likely, impervious gloves may be worn.
Protective Clothing (Pictograms)	
Exposure Limits	Not available.

Section 9. Physical and Chemical Properties

Physical State and Appearance	Liquid.	Odor	Almond-like.
Molecular Weight	Not applicable.	Taste	
pH	8.4 [Basic.]	Color	Yellowish.
Boiling/Condensation Point	100°C (212°F)		
Melting/Freezing Point	Not available.		
Critical Temperature	Not available.		

Instability Temperature	
Specific Gravity	1.004 (Water = 1)
Vapor Pressure	Not available.
Vapor Density	>1 (Air = 1)
Volatility	>55% (v/v).
VOC	<1 (%)
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 available.
Explosion Hazards in Presence of Various Substances	Slightly explosive in presence of open flames and sparks, of heat.

Section 10. Stability and Reactivity Data	
Stability	The product is stable.
Incompatibility with Various Substances	oxidizing agents
Hazardous Decomposition Products	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	
<i>Eyes</i>	Hazardous in case of eye contact (irritant). Non-corrosive to the eyes.
<i>Skin</i>	Slightly hazardous in case of skin contact (irritant). Non-corrosive for skin. Skin inflammation is characterized by itching, scaling, or reddening.
<i>Inhalation</i>	Not available.
<i>Ingestion</i>	Slightly hazardous in case of ingestion.
Chronic Effects on Humans	Repeated or prolonged exposure is not known to aggravate any medical condition.
Special Remarks on Toxicity to Animals	Not available.

Special Remarks on Chronic Effects on Humans	Not available.
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Section 12. Ecological Information

Ecotoxicity	Not available.
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BOD5 and COD	Not available.
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Products of Biodegradation	Not available.
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Toxicity of the Products of Biodegradation	Not available.
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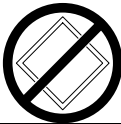
Special Remarks on the Products of Biodegradation	Not available.
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Section 13. Disposal Considerations

Waste Information	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
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Waste Stream	Not available.
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Section 14. Transport Information

DOT (U.S.A) (Pictograms)	
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TDG Classification	Not controlled under TDG (Canada).
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PIN UN, Proper Shipping Name, PG	Not applicable.
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Maritime Transportation	Not available.
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Special Provisions for Transport	Not applicable.
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Section 15. Other Regulatory Information and Pictograms

WHMIS (Classification)	CLASS D-2B: Material causing other toxic effects (TOXIC).
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Regulatory Lists	No products were found.
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Other Regulations	Not available. or of its ingredients
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Other Classifications	HCS (U.S.A.) USA Regulatory Lists	HCS Class: Irritating substance.
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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.

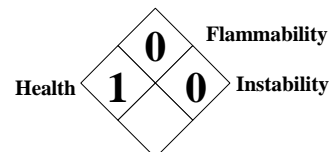
**International
Regulations Lists**

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.

Specific Hazard

Section 16. Other Information

Validated by CRushton on 8/22/2005.

Verified by CRushton.

Printed 8/22/2005.

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 8/22/2005.

Velocity At Dilution (1:15)

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