



# Material Safety Data Sheet

WHMIS (Pictograms)

WHMIS (Classification)

HCS



WHMIS CLASS D-2: Material causing other toxic effects.

HCS CLASS: Irritating substance.

## Section 1. Chemical Product and Company Identification

<b>Product Name/ Trade name</b>	<b>Fiber Pro Carpet Extraction Cleaner</b>	<b>Code</b>	412
<b>Synonym</b>	Not available.	<b>CAS #</b>	Not Applicable
<b>Chemical Family</b>	Not Applicable	<b>Validation Date</b>	5/5/2003
<b>Chemical Formula</b>	Not Applicable	<b>Print Date</b>	7/28/2003
<b>Manufacturer/ Supplier</b>	Betco Corporation 1001 Brown Avenue Toledo, Ohio 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</b>	DSL : 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 <sub>50</sub> /LD <sub>50</sub>
1) Water	7732-18-5	>60	Not available.	Not available.
2) Anionic Surfactant	5324-84-5	10-15	Not available.	Not available.
3) Optical Brightener	N/A	0-5	Not available.	Not available.
4) Tetrasodium salt of ethylenediaminetetraacetic acid	64-02-8	0-5	Not available.	ORAL (LD50): Acute: 3030 mg/kg [Rat].
5) Sodium Lauryl Sulfate	151-21-3	0-5	Not available.	Not available.
6) Nonionic Surfactant	66455-15-0	0-5	Not available.	Not available.
7) Sodium Xylene Sulfonate	1300-72-7	0-5	Not available.	Not available.
8) Perfume Oil	N/A	0-5	Not available.	Not available.
9) Dye	N/A	0-5	Not available.	Not available.

## Section 3. Hazards Identification

**Potential Acute Health Effects** This product is a severe eye irritant.

**Potential Chronic Health Effects** Repeated skin exposure can produce local skin destruction, or dermatitis.

**Carcinogenic Effects** Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.

## Section 4. First Aid Measures

<b>Eye Contact</b>	Avoid contact with eyes. In case of contact with eyes, rinse immediately with plenty of water. Seek IMMEDIATE medical attention.
<b>Skin Contact</b>	Rinse with plenty of running water. Seek medical attention.
<b>Inhalation</b>	Irritating to mucous membranes of the nose, throat, and lungs.
<b>Ingestion</b>	May be irritating to gastrointestinal system, mouth, throat, and esophagus. Vomiting and diarrhea expected with large doses.

### Section 5. Fire Fighting Measures

Products of Combustion	Not Applicable
Fire Fighting Media and Instructions	Non-flammable substance.
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	Gloves. Splash goggles.

### Section 7. Handling and Storage

Precautions	Avoid contact with eyes. DO NOT ingest.
Incompatibility	acids
Storage	Keep out of reach of children. For Institutional and Commercial Use

### Section 8. Exposure Controls/Personal Protection

Engineering Controls	No special ventilation requirements.
Personal Protection	
<i>Eyes</i>	Safety glasses.
<i>Body</i>	
<i>Respiratory</i>	No special protective clothing is required.
<i>Hands</i>	Gloves.

Protective Clothing (Pictograms)



Exposure Limits Not available.

### Section 9. Physical and Chemical Properties

Physical State and Appearance	Liquid	Odor	Floral.
Molecular Weight	Not applicable.	Taste	Not available.
pH	11	Color	Green.
Boiling/Condensation Point	101.11°C (214°F)		
Melting/Freezing Point	Not available.		
Critical Temperature	Not available.		
Instability Temperature	Not available.		
Specific Gravity	1.007 (Water = 1)		
Vapor Pressure	Not available.		

<b>Vapor Density</b>	Not available.
<b>Volatility</b>	75% (v/v).
<b>VOC</b>	<1%
<b>Evaporation Rate</b>	<1 compared to Water
<b>Dispersion Properties</b>	See solubility in water.
<b>Solubility</b>	Soluble
<b>The Product is:</b>	Non-flammable.
<b>Auto-ignition Temperature</b>	Not applicable.
<b>Flash Points</b>	Not applicable.
<b>Flammable Limits</b>	Not applicable.
<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>	acids
<b>Hazardous Decomposition Products</b>	Not available.

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

<b>Routes of Entry</b>	Eye Contact Ingestion. INHALATION Skin contact.
<b>Toxicity to Animals</b>	Acute oral toxicity (LD50): 3030 mg/kg [Rat]. (Tetrasodium salt of ethylenediaminetetraacetic acid).
<b>Acute Effects on Humans</b>	
	<i>Eyes</i> This product may irritate eyes upon contact.
	<i>Skin</i> May cause skin irritation.
	<i>Inhalation</i> Irritating to the mucous membranes of the nose, thorax and lungs.
	<i>Ingestion</i> Vomiting and Diarrhea possible
<b>Chronic Effects on Humans</b>	Repeated skin exposure can produce local skin destruction, or dermatitis.
<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 Applicable
Special Remarks on the Products of Biodegradation	No additional remark.


**Section 13. Disposal Considerations**

Waste Information	Not available.
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.	

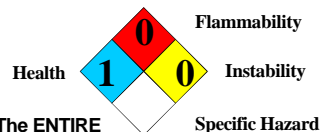
**Section 15. Other Regulatory Information and Pictograms**

WHMIS (Classification)	WHMIS CLASS D-2: Material causing other toxic effects.	
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	
	DSD (EEC)	
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 5/5/2003.

Verified by CRushton.

Printed 7/28/2003.

**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 5/5/2003.

**Fiber Pro Carpet Extraction Cleaner**

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