





# Material Safety Data Sheet

This MSDS is prepared in accordance with OSHA 29 CFR 1910.1200

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

## Section 1. Chemical Product and Company Identification

Product Name/ Trade name		Fiber Pro Carpet Extraction Cleaner		Code	412
Synonym		Not available.		CAS #	Not Applicable
Chemical Family		Not Applicable		Validation Date	5/18/2004
Chemical Formula		Not Applicable		Print Date	5/18/2004
Manufacturer/ Supplier		Betco Corporation 1001 Brown Avenue Toledo, Ohio 43607 (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 			

## Section 2. Composition and Information on Ingredients

Name	CAS #	% by Weight	Exposure Limits	LC <sub>50</sub> /LD <sub>50</sub>
1) Anionic Surfactant	5324-84-5	10-15	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

Eye Contact	Avoid contact with eyes. In case of contact with eyes, rinse immediately with plenty of water. Seek IMMEDIATE medical attention.
Skin Contact	Rinse with plenty of running water. Seek medical attention.
Inhalation	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration., preferably mouth to mouth if possible.
Ingestion	Call a poison control center immediately for treatment advice. Have person sip a glass of water if able to swallow. Do NOT induce vomiting unless instructed to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person

### 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	Good general ventilation should be sufficient to control airborne levels.
Personal Protection	
<i>Eyes</i>	Safety glasses.
<i>Body</i>	No additional special protective clothing is required.
<i>Respiratory</i>	A respirator is not needed under normal and intended conditions of product use.
<i>Hands</i>	Gloves.

Protective Clothing  
(Pictograms)



Exposure Limits	Not available.
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### 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>	May be irritating to respiratory System. May cause headache, dizziness.
<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 No products were found.

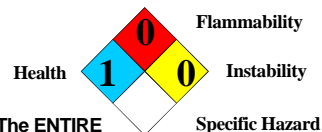
DSD (EEC) This product is not classified according to the EU regulations.

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 5/18/2004.

Verified by CRushton.

Printed 5/18/2004.

**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 5/18/2004.

**Fiber Pro Carpet Extraction Cleaner**

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