





Material Safety Data Sheet

This MSDS is prepared in accordance with OSHA 29 CFR 1910.1200

 WHMIS (Pictograms)	WHMIS CLASS D-2: Material causing other toxic effects. WHMIS (Classification)	HCS CLASS: Irritating substance. 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	3/26/2004
Chemical Formula	Not Applicable	Print Date	3/27/2004
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 ₅₀ /LD ₅₀
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	Irritating to mucous membranes of the nose, throat, and lungs.
Ingestion	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.		

Vapor Density	Not available.
Volatility	75% (v/v).
VOC	<1%
Evaporation Rate	<1 compared to Water
Dispersion Properties	See solubility in water.
Solubility	Soluble
The Product is:	Non-flammable.
Auto-ignition Temperature	Not applicable.
Flash Points	Not applicable.
Flammable Limits	Not applicable.
Fire Hazards in Presence of Various Substances	Non-flammable.
Explosion Hazards in Presence of Various Substances	Not Applicable

Section 10. Stability and Reactivity Data

Stability	The product is stable.
Incompatibility with Various Substances	acids
Hazardous Decomposition Products	Not available.

Section 11. Toxicological Information

Routes of Entry	Eye Contact Ingestion. INHALATION Skin contact.
Toxicity to Animals	Acute oral toxicity (LD50): 3030 mg/kg [Rat]. (Tetrasodium salt of ethylenediaminetetraacetic acid).
Acute Effects on Humans	
	<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
Chronic Effects on Humans	Repeated skin exposure can produce local skin destruction, or dermatitis.
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	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.

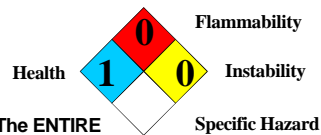
Other Regulations Not available. or of its ingredients

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 3/26/2004.

Verified by CRushton.

Printed 3/27/2004.

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 3/26/2004.

Fiber Pro Carpet Extraction Cleaner

Page: 5/5

Continued on Next Page