





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
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Section 1. Chemical Product and Company Identification

Product Name/ Trade name	Fiber Pro Alkaline Conditioner	Code	415
Synonym	Not available.	CAS #	N/A
Chemical Family	N/A	Validation Date	3/26/2004
Chemical Formula	N/A	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) Sodium Sesquicarbonate	533-96-0	5-10	Not available.	Not available.
2) Sodium Carbonate	497-19-8	1-5	Not available.	Not available.

Section 3. Hazards Identification

Potential Acute Health Effects	Skin and 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	Flush with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Seek IMMEDIATE medical attention.
Skin Contact	After contact with skin, wash immediately with plenty of water. Remove contaminated clothing. Seek medical attention.
Inhalation	Evacuate the victim to a safe area as soon as possible.
Ingestion	Have conscious person drink several glasses of water or milk. DO NOT induce vomiting. Seek IMMEDIATE medical attention.

Section 5. Fire Fighting Measures

Products of Combustion	Not Available
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	DO NOT ingest. Avoid contact with skin and eyes.
Incompatibility	No incompatible product according to our data base.
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

Eyes Safety glasses.

Body No special protective clothing is required.

Respiratory No special protective clothing is required.

Hands Gloves.

Protective Clothing (Pictograms)



Exposure Limits Not available.

Section 9. Physical and Chemical Properties

Physical State and Appearance	Liquid	Odor	Characteristic. (Slight.)
Molecular Weight	Not applicable.	Taste	Not available.
pH	9.5 to 10.5 [Basic.]	Color	Clear
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	Not available.
Volatility	90% (v/v).
VOC	40 (%)
Evaporation Rate	>1 compared to Water
Dispersion Properties	not available
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	No incompatible product according to our data base.
Hazardous Decomposition Products	None Known

Section 11. Toxicological Information

Routes of Entry	Skin contact. INHALATION Ingestion. Eye 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> Skin and eye irritant.
	<i>Inhalation</i> Non-irritant for lungs.
	<i>Ingestion</i> Irritating to mouth, throat and stomach.
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	Not Available
Toxicity of the Products of Biodegradation	Not Applicable
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.	

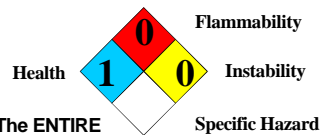
Section 15. Other Regulatory Information and Pictograms

WHMIS (Classification)	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 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 Alkaline Conditioner

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