



# 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 Alkaline Conditioner

**Code** 415

**Synonym** Not available.

**CAS #** N/A

**Chemical Family** N/A

**Validation Date** 3/2/2007

**Chemical Formula** N/A

**Print Date** 3/23/2007

**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>
Sodium Sesquicarbonate	533-96-0	5-10	Not available.	Not available.
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.
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#### 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.
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### 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.		

<b>Vapor Density</b>	Not available.
<b>Volatility</b>	90% (v/v).
<b>VOC</b>	40 (%)
<b>Evaporation Rate</b>	>1 compared to Water
<b>Dispersion Properties</b>	not available
<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

<b>Section 10. Stability and Reactivity Data</b>	
<b>Stability</b>	The product is stable.
<b>Incompatibility with Various Substances</b>	No incompatible product according to our data base.
<b>Hazardous Decomposition Products</b>	None Known

<b>Section 11. Toxicological Information</b>	
<b>Routes of Entry</b>	Skin contact. INHALATION Ingestion. Eye 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>	Skin and eye irritant.
<i>Inhalation</i>	Non-irritant for lungs.
<i>Ingestion</i>	Irritating to mouth, throat and stomach.
<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 Not Available

Toxicity of the Products of Biodegradation Not Applicable

Special Remarks on the Products of Biodegradation No additional remark.

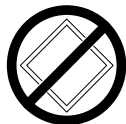
## Section 13. Disposal Considerations

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.

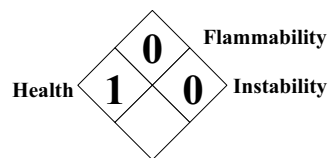
International Regulations Lists

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 3/2/2007.

Verified by CRushton.

Printed 3/23/2007.

**Information Contact Betco Corporation  
1001 Brown Avenue  
Toledo, Ohio 43607**

Notice to Read:

*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 3/2/2007.

**Fiber Pro Alkaline Conditioner**

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