

# Material Safety Data Sheet (United States)

## Section 1 - Product Identification and Company Information

**Product Identifier:** Blood & Protein Spot Remover

**Product Number:** E835

**Product Use:** Removing protein based stains

**Emergency Telephone No.:** 800-535-5053 (Info-track)

**Manufacturer's Name:** Professional Chemicals Corp.

**Street Address:** 325 S. Price Road

**City, State, Zip Code:** Chandler, Arizona USA, 85224

## Section 2 - Hazardous Ingredients

<u>Hazardous Ingredients</u>	<u>CAS #</u>	<u>OSHA PEL</u>	<u>ACGIH TLV-TWA</u>
Anionic Surfactant	Trade Secret	N/E	N/E
Ethylene Glycol Ether	111-76-2	25ppm (skin)	25ppm (skin)
Diethylene Glycol Ether	111-90-0	N/E	N/E

Ingredients listed in this section are defined as hazardous by the OSHA Hazardous Communication Standard and the above listed are in quantities greater than the threshold level as defined under the Hazardous Communication Standard.

Items on this MSDS may be designated as a 'trade secret'. Bona fide written requests for disclosure of trade secret information to medical personnel must be made in accordance with the procedures in 29 CFR 1910.1200(i)(1)-(13).

## Section 3 - Physical Data

<b>Physical State:</b>	Liquid	<b>Vapor Density (Air = 1):</b>	N/D	<b>Boiling point (°C):</b>	100°C
<b>Vapor Pressure (mm Hg):</b>	N/D	<b>Specific Gravity:</b>	1.0	<b>Freezing point (°C):</b>	N/D
<b>pH:</b>	9.7-10.7	<b>Evaporation rate:</b>	N/D	<b>Coeff. Water/Oil Dist.:</b>	N/D
<b>Odor &amp; appearance:</b>	Clear green liquid with mint scent.	<b>Odor Threshold:</b>	N/D		

## Section 4 - Fire and Explosion Data

**Flammability:** \_\_\_ Yes  No **If so, under what conditions:**

**Means of extinction:** Product is not flammable. Use water, carbon dioxide, dry powder extinguisher, or other media appropriate for materials actually involved in fire.

**Flash Point & method:** None up to 100°C **Upper Flammable Limit (% by volume):** N/A

**Autoignition Temp. (°C):** None up to 100°C **Lower Flammable Limit (% by volume):** N/A

**Hazardous Decomposition Products:** Exposure to fire may liberate carbon dioxide, carbon monoxide, water and other unidentified thermal decomposition products from this product or its packaging.

**Explosion Data: Sensitivity to Impact:** None **Sensitivity to static discharge:** None

## Section 5 - Reactivity Data

**Chemical Stability:**  Yes \_\_\_ No **If no, under which conditions:**

**Incompatibility with other substances:**  Yes \_\_\_ No **If yes, which ones:** Avoid strong oxidizing materials.

**Reactivity, and under what conditions:** None known

**Hazardous decomposition products:** Exposure to fire may liberate carbon dioxide, carbon monoxide, hydrogen sulfide, water and other unidentified thermal decomposition products from this product or its packaging.

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## Section 6 - Toxicological Properties

Route of Entry: Skin contact  X  Skin Absorption      Eye contact  X  Inhalation      Ingestion  X

### Effects of Acute Overexposure to Product:

**Inhalation:** Excessive mist exposure may cause respiratory irritation.  
**Eye Contact:** May cause severe eye irritation  
**Skin Contact:** May cause a burning and itching at contact site.  
**Ingestion:** Large amounts may cause gastrointestinal irritation.

### Effects of Chronic Overexposure to Product:

**Inhalation:** N/D  
**Eye Contact:** N/D  
**Skin Contact:** N/D  
**Ingestion:** N/D

**Exposure limits:** N/D  
**Teratogenicity:** N/D  
**Irritancy of Product:** May cause skin and eye irritation.  
**Reproductive toxicity:** None Known  
**Sensitization to Product:** None known.  
**Carcinogenicity:** No  
**Synergistic products:** None known

## Section 7 - Preventive Measures

### Personal Protective Equipment:

**Gloves:** Avoid skin contact. Wear NBR or rubber gloves for extended or repeated skin contact with concentrate.  
**Respirator:** Use with good ventilation. Respirator not normally required.  
**Eye:** Avoid eye contact. Wear safety glasses while handling concentrate.  
**Footwear:** Standard work shoes.  
**Clothing:** Standard work clothing.  
**Other:** Do not ingest product. No other special protective measures required.

**Engineering Controls:** Normal room ventilation satisfactory.

**Leak and spill procedures:** Prevent further spill of material, contain material already spilled.

**Waste disposal:** Small quantities of this detergent may be disposed of in a sanitary sewer in accordance with regulations. Larger quantities should be collected and consigned to a licensed hazardous waste hauler for disposal in accordance with regulations.

**Handling procedures/equipment:** None

**Storage:** Store out of reach of children. Keep container closed. Store in a cool dry location. Avoid freezing or extended storage in high temperatures.

**Special shipping information:** Non-hazardous.

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## Section 8 - First Aid Measures

### Specific Measures:

- Inhalation:** Move to fresh air, get medical attention if irritation persists.
- Eye Contact:** Flush thoroughly with water for 15 minutes, get medical attention.
- Skin Contact:** Flush thoroughly with water for 15 minutes. If irritation persists, get medical attention. Launder affected clothing before wearing again.
- Ingestion:** If patient is fully conscious, induce vomiting if large amounts are ingested. Get medical attention. Do not give anything by mouth to an unconscious person.

## Section 9 - Preparation Date of MSDS

**Prepared by:** Manager, EH&S      **Phone Number:** 480/899-7000      **Date:** May 13, 1999

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----END OF MSDS----