

**PRO CHEM, INC.**

1475 BLUEGRASS LAKES PKWY.  
 ALPHARETTA, GA 30004  
 EMERGENCY/INFO # (800) 241-8180  
 ADDITIONAL EMERGENCY # INFO TRAC 1-800-535-5053

**MATERIAL SAFETY DATA SHEET****DRI-FOAM / 2204****JUNE 2008****PAGE 1**

HEALTH	1
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	B

Complies With USDL Safety and Health Regulations, (29 CFR 1910.200)

**SECTION 1 – Chemical Product and Company Identification****CHEMICAL FAMILY:** Carpet Shampoo Concentrate**SECTION 2 – Composition Information on Ingredients**

CAS #	NAME	% BY WT.	OSHA PEL / ACGIH TLV	SARA 302/304 (1)*	SARA 313 (2)*	STATE INFO (3)(4)
111-76-2	2-Butoxyethanol	< 6.0	25ppm-skin / 25ppm-skin	NO	YES	NO
67-63-0	Isopropanol	< 2.0	400 ppm / 400 ppm	NO	NO	NO
64-02-8	Tetrasodium Salt of Ethylenediamine-tetraacetic acid	< 2.0	N/E / N/E	NO	NO	NO

\*\* See Section 15 for more information      n/e = none established      n/a = not applicable

**SECTION 3 – Hazards Information****EMERGENCY OVERVIEW:** DANGER. May cause moderate to severe irritation to the eyes and skin. May be absorbed through skin.**PRIME ROUTE OF ENTRY:** Eye contact, skin contact/absorption**ACUTE/POTENTIAL HEALTH EFFECTS:****EYES:** May cause irritation to the eyes experienced as discomfort or pain with excess blinking and tear production and redness or swelling of the conjunctiva.**SKIN:** Brief contact may cause slight irritation. Prolonged contact may cause more severe irritation with pain, local redness and swelling.**INHALATION:** High concentrations of mist may cause irritation of the respiratory tract.**INGESTION:** May cause nausea, vomiting and diarrhea.**CHRONIC/LONG TERM EFFECTS:** 2-Butoxyethanol has caused red blood cell hemolysis in lab animals and secondary injury to the liver and kidney.**SIGNS AND SYMPTOMS OF OVEREXPOSURE:** Ingestion may cause nausea, vomiting and diarrhea. Prolonged dermal exposure may cause drying of the skin.**TARGET ORGAN EFFECTS:** Liver, kidney**REPRODUCTIVE/DEVELOPMENTAL INFORMATION:** No Data**CARCINOGENIC INFORMATION:** This material is not listed as a carcinogen by IARC, NTP, or OSHA.**SECTION 4 – First Aid Measures****EYES:** Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation persists.**SKIN:** Flush skin with plenty of water for at least 15 minutes. Get medical attention if irritation persists.**INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.**INGESTION:** Give large quantities of water or milk. Induce vomiting. Get medical attention.**SECTION 5 – Fire Fighting Measures****FLASH POINT:** No Flash      **METHOD USED:** Standard**EXTINGUISHING MEDIA:** Use appropriate methods for combating surrounding fire.**SPECIAL FIRE FIGHTING INSTRUCTIONS:** Wear a self-contained breathing apparatus with a full-face piece operated in the positive pressure demand mode.**SECTION 6 – Accidental Release Measures**

Absorb spill with inert material. Flush area well with water to remove trace residue. Surfaces may become slippery after spillage.

**SECTION 7 – Handling and Storage**

Store in a cool, dry area. Keep from freezing. Keep container closed when not in use. Keep out of reach of children.

**SECTION 8 – Exposure Controls/Personal Protection****ENGINEERING CONTROLS:** Good general ventilation required.**EYE PROTECTION:** Wear safety glasses or goggles.**SKIN PROTECTION:** To prevent repeated prolonged contact, wear impervious gloves (made from rubber, nitrile or neoprene).**RESPIRATORY PROTECTION:** When respiratory protection is required, use an organic vapor cartridge. A respiratory program that meets OSHA's 29 CFR 1910.34 & ANSI Z88.2 requirements must be followed.**SECTION 9 – Physical and Chemical Properties****APPEARANCE/ODOR:** Clear, light blue liquid with pleasant fragrance.**EVAPORATION RATE (BUTYL ACETATE=1):** N/a**SOLUBILITY IN WATER:** Complete      **SPECIFIC GRAVITY (H2O=1):** 1.01**VAPOR PRESSURE (mm Hg):** N/e      **pH CONCENTRATE:** 9.0**VAPOR DENSITY (AIR=1):** N/e      **BOILING POINT:** > 212°F**SECTION 10 – Reactivity****STABILITY:** Stable**INCOMPATIBILITY:** Strong acids, oxidizers**CONDITIONS TO AVOID:** High temperature**HAZARDOUS POLYMERIZATION:** Will not occur**HAZARDOUS DECOMPOSITION PRODUCTS:** CO, CO<sub>2</sub>**SECTION 11 – Toxicological Information**

2-Butoxyethanol: SKIN – Rabbit; 24 hr uncovered-minimal erythema in 2/5; no irritation 3/5

THIS INFORMATION MUST BE ON ALL MSDS'S COPIED AND DISTRIBUTED FOR THIS MATERIAL.  
 NO WARRANTY IS EXPRESSED/IMPLIED REGARDING THE ACCURACY OF THIS DATA OR  
 RESULTS OBTAINED FROM USE. PROCHEM ASSUMES NO RESPONSIBILITY FOR PERSONAL  
 INJURY OR PROPERTY DAMAGE TO USER. VENDEE/USER ASSUMES ALL RISKS ASSOCIATED  
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**SECTION 12 – Ecological Information**

2-Butoxyethanol: Toxicity to fish-fathead minnow; 96h; LC50 Results: 1700 mg/l

**SECTION 13 – Disposal Consideration****WASTE DISPOSAL METHOD:** Waste must be disposed of in accordance with federal, state and local environmental control regulations.**SECTION 14 – Transportation Information****DOT SHIPPING NAME/CLASS:** Not regulated.**SECTION 15 – Regulatory Information****U.S. Federal Regulations:**

TSCA (Toxic Substances Control Act): The intentional ingredients of product are listed.

**Title III Section 311/312 Hazardous Categories - 40 CFR 370.2:**

ACUTE (X) Chronic (X) Fire ( ) Pressure ( ) Reactive ( ) Not Applicable ( )

(1) Title III Section 302/304 Extremely Hazardous Substances - 40 CFR 355 Appendix A

(2) Title III Section 313 Toxic Chemicals - 40 CFR 372.65

If indicated under Section 2 of this MSDS, this product contains toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning & Community Right to Know Act of 1986. This information must be included in all MSDS that are copied and distributed for this material.

**RCRA Status:** Under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste. If this product becomes a hazardous waste it would be assigned RCRA Code(s)  
None

**State and Local Regulations:** Certain states maintain their own ingredient, which differ slightly from the Federal standards. If indicated under Section 2 of this MSDS, states listed below may have regulations on ingredients contained in this product. Check with your state for any additional regulations.

(3) California proposition 65 (Safe Drinking Water &amp; Toxic Enforcement Act of 1986)

(4) Massachusetts (Hazardous Substance Disclosure by Employers)

**SECTION 16 – Other Information**

This information was compiled from current manufacturer's MSDS's of the component parts of the product.

**Disclaimer:** The Manufacturer believes that the information contained in the Material Safety Data Sheet is accurate. The suggested procedures are based on experience as of the date of publication. They are not necessarily all inclusive nor fully adequate in every circumstance. Also, the suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements.

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