

**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****COIL CARE / 2240****APRIL 2012****PAGE 1**

HEALTH	2
FIRE	0
REACTIVITY	0
P.P.E.	B

Complies With USDL Safety and Health Regulations, (29 CFR 1910.1200)

**SECTION 1 – Chemical and Company Identification****PRODUCT USE:** Degreaser**SECTION 2 – Composition on Ingredients**

CAS #	CHEMICAL NAMES	WT %	TLV (UNITS)
111-76-2	2-butoxyethanol	< 10	25 (PPM) skin <small>N/E = not established</small>

**SECTION 3 – Hazards Information****PRIMARY ROUTE(S) OF ENTRY:** Skin contact/absorption and inhalation**SIGNS AND SYMPTOMS OF OVEREXPOSURE:** Gastrointestinal irritation (nausea, vomiting, diarrhea), irritation to nose, throat, and respiratory tract.**TARGET ORGAN EFFECTS:** Overexposure to this material (or its components) has been suggested as a cause of the following effects in laboratory animals and may aggravate pre-existing disorders or these organs in humans: chronic ingestion may cause kidney and liver lesions at high doses.**IMMEDIATE HEALTH EFFECTS:****EYES:** Exposure may cause noticeable pain, and severe irritation and transient corneal injury.**SKIN:** Harmful contact may not cause immediate pain. 2-butoxyethanol may be absorbed through the skin.**INHALATION:** Exposure to vapor or mist is possible. Short-term inhalation is not likely to cause harmful effects: breathing large amounts may be harmful. Symptoms are more typically seen at air concentrations exceeding the recommended exposure limits.**INGESTION:** Harmful or fatal if swallowed. Causes chemical burns to the mouth, throat and stomach.**REPRODUCTIVE/DEVELOPMENTAL INFORMATION:** No data.**CARCINOGENIC INFORMATION:** This material is not listed as a carcinogen by IARC, NTP, or OSHA.**LONG TERM EFFECTS:** No data.**SECTION 4 – First Aid Measures****EYES:** Immediately flush with water. Remove contact lenses if applicable, and continue flushing with water for 15 minutes. Call a physician immediately.**SKIN:** Immediately flush with water for 15 minutes. Call physician if irritation persists. Completely decontaminate clothing, shoes, and leather goods before reuse or discard.**INHALATION:** If symptoms develop, move victim to fresh air. If symptoms persist, call a physician.**INGESTION:** Do not induce vomiting. Rinse mouth with water, then drink one or two glasses (8-16 oz.) of water or milk. Call a physician immediately. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing.**SECTION 5 – Fire Fighting Measures****FLASH POINT:** No Flash at Boil **METHOD USED:** C.C. Method**EXPLOSIVE LIMITS:** Not applicable**AUTOIGNITION TEMPERATURE:** Not applicable**HAZARDOUS PRODUCTS OF COMBUSTION:** Oxides of carbon, oxides of nitrogen, and ammonia**EXTINGUISHING MEDIA:** Not applicable**FIRE FIGHTING INSTRUCTIONS:** Avoid contact with this material. Avoid walking in spilled material. Wear protective clothing for skin and eyes.**SECTION 6 – Accidental Release Measures****SMALL SPILL:** Absorb with an inert solid and scoop up for disposal, then rinse soiled area with water down the drain.**LARGE SPILL:** Stop leak at the source and collect into a suitable container, then treat as a small spill.**SECTION 7 – Handling and Storage****HANDLING:** Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed. **STORAGE:** Store in a cool, dry place. Keep container closed when not in use.**SECTION 8 – Exposure Controls/Personal Protection****EYE PROTECTION:** Chemical Splash goggle in compliance with OSHA regulations are advised: however, OSHA regulations also permit other type safety glasses. Consult your safety representative.**SKIN PROTECTION:** Wear rubber gloves (consult your safety equipment supplier). To prevent repeated or prolonged skin contact, wear impervious clothing and boots.**RESPIRATORY PROTECTION:** If workplace exposure limits of product or any component are exceeded (see exposure guidelines), NIOSH/OSHA approved air-supplied respirator is advised in the absence of proper environmental control. OSHA relations also permit other NIOSH/OSHA respirators (negative pressure type) under specific conditions (see your industrial hygienist). Engineering or administrative controls should be implemented to reduce exposure.**ENGINEERING CONTROLS:** Provide sufficient mechanical (general and local exhaust) ventilation to maintain exposure below level of overexposure (from known, suspected or apparent adverse effects).**SECTION 9 – Physical and Chemical Properties****APPEARANCE/ODOR:** Thin, purple liquid with butyl odor**pH CONCENTRATE:** 12.0 – 13.0**VAPOR PRESSURE:** Unknown**BOILING POINT:** 212°F**PERCENT VOLATILE:** 90%**VAPOR DENSITY:** Unknown**SOLUBILITY IN WATER:** Complete**SPECIFIC GRAVITY (H20=1):** 1.05 +/- 0.02**SECTION 10 – Stability and Reactivity****CHEMICAL STABILITY:** Stable**CONDITIONS TO AVOID:** Temperature Extremes**INCOMPATIBILITY:** Chlorine Bleach, Oxidizers, Acids**HAZARDOUS DECOMPOSITION:** Will not occur**HAZARDOUS POLYMERIZATION:** Will not occur**SECTION 11 – Toxicological Information**

No data available.

**SECTION 12 – Ecological Information**

No data available.

**SECTION 13 – Disposal Consideration****WASTE DISPOSAL INFORMATION:** Dispose of in accordance with all applicable Federal, State, and Local regulations.**RCRA INFORMATION:** If this material becomes a waste, it would be considered hazardous under 40 CFR 261.22, and would be classified as EPA Waste Number D002.**SECTION 14 – Transport Information****DOT INFORMATION:** 49 CFR 172.101**DOT HAZARD CLASS:** Non-hazardous**REPORTABLE QUANTITY (RQ):** 49 CFR 172.101

NOT APPLICABLE

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  
WITH USE.

