

**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**

**ASSAULT RTU**  
**NOVEMBER 2013**  
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HEALTH	2
FIRE	0
REACTIVITY	0
P.P.E.	C

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

**SECTION 1 – Chemical and Company Identification**

**CHEMICAL FAMILY:** Soap/Detergent **GENERIC NAME:** Cleaner Degreaser

**SECTION 2 – Composition on Ingredients**

HAZARDOUS COMPONENTS (SPECIFIC CHEMICAL IDENTITY; COMMON NAMES)	CAS NO.	WT.%	OSHA PEL	ACGIH/TVL	OTHER LIMITS
2-Butoxyethanol	111-76-2	< 5	25 ppm	25 ppm	No info
Potassium Hydroxide	1810-58-3	< 5	2 mg/m <sup>3</sup>	2 mg/m <sup>3</sup>	No info

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1966 and of CFR 372: CAS#: 111-76-2 and chemical name: 2-Butoxyethanol with the % wt. of 4.11.

**SECTION 3 – Hazards Information****EFFECTS OF OVEREXPOSURE:****PRIMARY ROUTE OF ENTRY:**

- SKIN:** Destructive- overexposure may produce burns.  
**EYES:** Destructive- exposure may cause burns, eye injury and blindness.  
**INHALATION:** Excessive inhalation may damage respiratory tract. Possible nausea, dizziness, and difficulty breathing.  
**INGESTION:** Extremely corrosive. Large quantities could cause severe pain, nausea, death.

**SECTION 4 – First Aid Measures**

- SKIN:** Immediately flush skin with plenty of water while removing contaminated clothing. Seek medical attention if irritation persists.  
**EYES:** Flush with water for 15 minutes while lifting eyelids to assure complete removal. Get medical attention.  
**INHALATION:** Remove to fresh air. If breathing has stopped, give artificial respiration. Get medical attention.  
**INGESTION:** Do not induce vomiting. If conscious, dilute stomach contents by drinking water. Call a physician immediately.

**SECTION 5 – Fire Fighting Measures**

- FLASH POINT (METHOD USED):** > 200° **AUTOIGNITION TEMPERATURE:** No info  
**FLAMMABLE LIMITS:** UEL: No Info LEL: No Info  
**EXTINGUISHING MEDIA:** Water Fog, Foam, Dry Chemical, CO<sub>2</sub>.  
**SPECIAL FIRE FIGHTING PROCEDURES:** Full Bunker Gear with Positive Pressure SCBA  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Vapors may travel a considerable distance and flash back.

**SECTION 6 – Accidental Release Measures**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Wear appropriate protective and respiratory equipment. Prevent spills from entering sewers or any unauthorized water systems.

**SECTION 7 – Handling and Storage**

**HANDLING PRECAUTIONS:** Keep out of reach of children. For Trained Industrial and Institutional Personnel Only. **STORAGE REQUIREMENTS:** Keep container tightly closed when not in use.  
**COMMENTS:** Practice good hygiene after handling this material.

**SECTION 8 – Exposure Controls/Personal Protection**

- RESPIRATORY PROTECTION:** NIOSH/OSHA approved respirators for materials in Section 2 when ventilation is restricted.  
**VENTILATION:** Sufficient ventilation in volume and pattern should be provided to keep air contamination at a minimum.  
**PROTECTIVE GLOVES:** Chemical resistant gloves.  
**EYE PROTECTION:** Safety glasses or goggles.  
**OTHER PROTECTIVE EQUIPMENT:** Wear boots and impervious clothing.

**SECTION 9 – Physical and Chemical Properties**

- APPEARANCE AND ODOR:** Thin Clear Blue Liquid with sassafras.  
**BOILING POINT (°F):** 215 – 356°F **SPECIFIC GRAVITY (H<sub>2</sub>O=1):** 1.045 to 1.055  
**MELTING POINT:** No info  
**VAPOR PRESSURE (mmHg):** 20 mm/Hg@68°F **VAPOR DENSITY (AIR=1):** Heavier than Air  
**% VOLATILITY:** 80+ **pH:** 12 – 13  
**SOLUBILITY IN WATER:** Complete **EVAPORATION RATE (BUTYL ACETATE=1):** Slower than Ether

**SECTION 10 – Stability and Reactivity**

- STABILITY:** Stable  
**HAZARDOUS POLYMERIZATION:** Will not occur.  
**INCOMPATIBILITY (Materials to Avoid):** Strong Acids, aluminum, copper, zinc.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** CO, CO<sub>2</sub>  
**CONDITIONS TO AVOID:** No info

**SECTION 11 – Toxicological Information**

No data available.

**SECTION 12 – Ecological Information**

No data available.

**SECTION 13 – Disposal Consideration**

**WASTE DISPOSAL METHOD:** Dispose in accordance with appropriate Federal, State and Local regulations.

**SECTION 14 – Transport Information**

**PROPER SHIPPING NAME:** Corrosive Liquids, N.O.S. 8, UN1760, PG II, (Contains Caustic Soda)

**SECTION 15 – Regulatory Information**

Please see section 2.

**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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