

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
NOVEMBER 2013
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HEALTH	2
FIRE	1
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:** Butyl 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	< 10	50 ppm	No info	No info
Sodium Metasilicate	6834-92-0	< 5	2 mg/m ³	No info	No info
Potassium Hydroxide	1810-58-3	< 5	2 mg/m ³	No info	No info

VOC: 9.2 General Purpose

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, CO₂.

SPECIAL FIRE FIGHTING PROCEDURES: Full Bunker Gear with Positive Pressure SCBA

UNUSUAL FIRE AND EXPLOSION HAZARDS: Flammable hydrogen gas may be liberated if product contacts reactive metals.

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: Clear purple liquid with sassafras odor.

BOILING POINT (°F): 212 – 340°F

SPECIFIC GRAVITY (H₂O=1): 1.07 to 1.08

MELTING POINT: No info

VAPOR PRESSURE (mmHg): 1 mm/Hg @70°F

VAPOR DENSITY (AIR=1): Heavier than Air

% VOLATILITY: 80+

pH: 12.5 – 13.5

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, CO₂

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 III, (Contains Caustic Potash)

SECTION 15 – Regulatory Information

No data available.

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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