

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
SHORT CUT / 2655
OCTOBER 2009
PAGE 1

HEALTH	3
FIRE	0
REACTIVITY	1
P.P.E.	X

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

SECTION 1 – Chemical and Company Identification

CHEMICAL FAMILY: Soap/Detergent
GENERIC NAME: Alkali Detergent

SECTION 2 – Composition on Ingredients

CHEMICAL NAME	CAS NO.	WT.%	PEL	TWA-TLV	STEL-TLV	CARCINOGEN
2-Butoxyethanol	111-76-2	< 10	25 ppm	25 ppm	No Info	NO
Potassium Hydroxide	1310-58-3	< 10	No Info	2 mg/m ³	No Info	NO

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 1986 and of CFR 372:

CAS#	CHEMICAL NAME	& BY WT
111-76-2	2-Butoxyethanol	5.1

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:** Flush with water 15 minutes while removing contaminated clothing. Seek medical attention if irritation persists.
EYES: Flush with water for 15 minutes while lifting eyelids to assure complete removal. Seek immediate medical attention.
INHALATION: Remove to fresh air. If breathing has stopped, give artificial respiration. Get medical attention.
INGESTION: Do not induce vomiting. If conscious, give large quantity of water or milk. Get medical attention immediately.

SECTION 5 – Fire Fighting Measures

- FLASH POINT (METHOD USED):** >200°F
UPPER EXPLOSIVE LIMIT: N/A
EXTINGUISHING MEDIA: Water Fog, CO₂, Dry Chemical
SPECIAL FIRE FIGHTING PROCEDURES: SCBA, Protective Clothing
UNUSUAL FIRE AND EXPLOSION HAZARDS: Extinguish all ignition sources. Flammable Hydrogen Gas may be liberated.

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

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Keep out of reach of children. Keep container tightly sealed when not in use. For Trained Industrial and Institutional Personnel Only. 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. Chemical resistant gloves.
PROTECTIVE GLOVES: Safety glasses or goggles.
EYE PROTECTION: Wear boots and impervious clothing.
OTHER PROTECTIVE EQUIPMENT:

SECTION 9 – Physical and Chemical Properties

- PHYSICAL DESCRIPTION:** Thick Amber Liquid with Lemon Odor.
BOILING RANGE (°F): 212 – 431°
VAPOR PRESSURE: 20mmHg @70°F
% VOLATILE: 85.1% by weight
SOLUBILITY IN WATER: Complete
SPECIFIC GRAVITY: 1.06 – 1.07
VAPOR DENSITY: Heavier than Air
pH: 13.0 – 14.0
EVAPORATION RATE: Slower than Ether

SECTION 10 – Stability and Reactivity

- STABILITY:** Stable
HAZARDOUS POLYMERIZATION: Will not occur.
INCOMPATIBILITY (Materials to Avoid): Active Metals, strong acids
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Monoxide, Carbon Dioxide

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.

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.

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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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