

Safety Data Sheet

Section 1: Identification

Name: Breaker Breaker	Date Issued: 10-10-14
Generic Name: Cleaner / Degreaser	Product Code: 0179

Alco-Chem, Inc. 45 North Summit Street Akron, Ohio 44308

Emergency Telephone: 800-255-3924	Product Information: 330-253-3535
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Section 2: Hazard(s) Identification

Potential Health Effects

Signal Word = Danger
 Hazard Category:
 Acute Oral Toxicity = 4 - Harmful if swallowed
 Acute Dermal Toxicity = 4 - Harmful in contact with skin
 Skin Corrosion/Irritation = 1A to 1C - Causes severe skin burns and eye damage
 Eye Damage/Irritation = 1 - Causes serious eye damage

Label Elements:



Precautionary Statement:

Prevention = Do not breathe dusts or mists, wash thoroughly after handling, wear protective gloves, clothing, eye protection, face protection.

Response = If swallowed, rinse mouth, do not induce vomiting. Take off contaminated clothing and rinse skin with water. Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor. If in eyes, rinse cautiously with water for several minutes (remove contact lenses, if present and easy to do.) Continue rinsing.

Storage = Store containers in an upright position. Ensure container lids are in place and secure when not in use.

Disposal = Review all federal, state and local laws regarding disposal of this product.

Prolonged/Repeated Exposure Effects:

Eye: Similar to effects from acute exposure
 Skin: Similar to effects from acute exposure
 Inhalation: Similar to acute exposure
 Ingestion: Similar to acute exposure

The above listed potential effects are compiled based on a review of all component SDS's

Section 3: Composition Information on Ingredients

<u>CAS Number</u>	<u>Chemical Name</u>	<u>% by Vol</u>	<u>RQ#</u>	<u>OSHA</u>	<u>TWA</u>	<u>STEL</u>
111-76-2	2-Butoxyethanol	5-10	No Data		20ppm	50ppm
1310-58-3	Potassium Hydroxide	<5	1000		2ppm	2ppm
6834-92-0	Disodium Trioxosilicate	<5	No Data		No Data	No Data

Components listed above are hazardous as defined in 29 CFR 1910.1200. Their quantities are proprietary. All remaining components are considered non-hazardous and proprietary in their quantities

Section 4: First Aid Measures

Eye: Flush affected area with large quantities of water for at least 15 minutes. Obtain medical attention if irritation persists.
Skin: Flush affected area with large quantities of water for at least 15 minutes. Obtain medical attention if irritation persists.
Inhalation: If symptoms are experienced, remove victim to fresh air. Obtain medical attention if irritation persists.
Ingestion: Obtain medical attention.

Section 5: Fire Fighting Measures

Flash Point: N/A	Fire Fighting Methods: Use methods suitable for surrounding fire.
Auto ignition Temperature: Not Determined	
Flammability Limits: N/A	Unusual Fire Hazards: N/A
Extinguishing Media: Select extinguisher suitable for surrounding fire	

Section 6: Accidental Release Measures

Containment and Clean up: Observe all personal protective equipment noted in sections 5 and 8. Observe local, state, and federal laws and regulations that may apply to a release and disposal of this material.

Section 7: Handling and Storage

Store containers in an upright position. Ensure container lids are in place and secure when not in use.

Section 8: Exposure Controls

<u>CAS Number</u>	<u>Chemical Name</u>	<u>OSHA</u>	<u>TWA</u>	<u>STEL</u>
111-76-2	2-Butoxyethanol		20ppm	50ppm
1310-58-3	Potassium Hydroxide		2ppm	2ppm
6834-92-0	Disodium Trioxosilicate		No Data	No Data

Engineering Controls: Use with adequate ventilation

PPE for Routine Handling and Spills: Wear safety glasses and chemical resistant gloves.

Eyes: Safety glasses recommended

Skin: Chemical protective gloves are recommended

Inhalation: No respiratory protection required w/ adequate ventilation

Section 9: Physical and Chemical Properties

Physical Form: Liquid	Odor: Pleasant	Solubility in H2O: 100%
Color: Purple	Specific Gravity: 1.08	pH: 13
Boiling Point: 215 *F Initial	Viscosity: No Data	Vapor Density: >1
Vapor Pressure: 20 mm Hg @68F	Volatility: 80+%	Evaporation Rate: <1

Section 10: Stability and Reactivity

Chemical Stability: Stable	Hazardous Polymerization: Will not Occur	Conditions to Avoid: N/A
Materials to Avoid: N/A	Hazardous Decomposition Products: N/A	

Section 11: Toxicological Information

Special Hazard Information on Components: No known applicable information

Listed on NTP Report? No

Listed on IARC (Suspected Carcinogen)? No

Section 12: Ecological Information

Exotoxicity: N/D Bio accumulative Potential: N/D

Persistence and Degradability: Similar to water Mobility in Soil? N/D

Section 13: Disposal Considerations

Review all federal, state and local laws regarding disposal of this product.

Section 14: Transportation Information

UN 1760, Corrosive Liquid, N.O.S., 8, PG II, (Contains Potassium Hydroxide)

Section 15: Regulatory Information

Contents of this SDS comply with OSHA's Hazard Communication Standard 29 CFR 1910.1200.

TSCA Status: Potassium Hydroxide and Disodium Trioxosilicate, which are components in this product are subject to the Toxic Substances Control Act (TSCA) section 12(b) export notification requirements delineated at 40 CFR part 707, subpart D.

EPA SARA Title III Chemical Listings: No

CERCLA Hazardous Substances: No

Section 311/312 Hazard Class: Yes (*2-Butoxyethanol, Potassium Hydroxide, Disodium Trioxosilicate)

Section 313 Toxic Chemicals: No

Section 16: Other Information

Prepared by: J. Chantz Horman on 10/10/14. Revised 5-16-15. The above information pertains to this product as currently formulated and is based on the information available at this time. It does not constitute a warranty, express or implied, as to the accuracy of the information contained herein. Actual conditions of use and handling are beyond seller's control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State and Local laws and regulations.