

Safety Data Sheet

Section 1: Identification

Name: ALCO - Breakthrough (0221)	Date Issued: 09/27/2021
Other Name: N/A	ALCO Code: ALC 10824
Recommended Use: Commerical Laundry Detergent	
Supplier Information: Alco-Chem, Inc. 45 N. Summit Street Akron, OH 44308	
Emergency Telephone: 800-424-9300	Product Information: 330-253-3535

Section 2: Hazard(s) Identification

Potential Health Effects

Signal Word = Danger Label Elements:
 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



Precautionary Statement:

Prevention = Causes severe skin burns and eye damage. 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. Immediately call a poison center or physician. If on skin, immediately take off contaminated clothing and rinse skin with water. Wash contaminated clothing before reuse. If inhaled, remove victim to fresh air and keep at rest in a position 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 except for expected damage to secondary tissue
 Inhalation: N/A
 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

CAS Number	Chemical Name	% w/w	RQ#	OSHA	TWA	STEL
1310-73-2	Sodium Hydroxide	32-37	1000		2 mg/m ³	No Data

%Phosphorus in product: 0%

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	
Extinguishing Media: Select extinguisher suitable for surrounding fire	Unusual Fire Hazards: Containers may explode when heated.

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>
1310-73-2	Sodium Hydroxide	2 mg/m ³ 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: NIL	Freezing/Melting Point: N/D
Color: Clear	Specific Gravity: No Data	pH: Very Alkaline
Boiling Point: N/D	Viscosity: N/D	Vapor Density: N/D
Vapor Pressure: N/D		
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		
Ecotoxicity: This product is harmful to aquatic life	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., Class 8, PG II (Contains Sodium Hydroxide)		
Section 15: Regulatory Information		
Contents of this SDS comply with OSHA's Hazard Communication Standard 29 CFR 1910.1200.		
TSCA Status: There are no components which are in this product that 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: N/A		
CERCLA Hazardous Substances: N/A		
Section 311/312 Hazard Class: Yes (Sodium Hydroxide)		
Section 313 Toxic Chemicals: N/A		
Section 16: Other Information		
Prepared by: P. Grado on 09/27/2021. The industrial hygiene and safe handling procedures are believed to be applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.		