

**Safety Data Sheet**

**Section 1: Identification**

Name: Cycle Date Issued: 10-10-14  
 Generic Name: Liquid Mechanical Dishwash Compound Product Code: 0350

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

Emergency Telephone: 800-255-3924 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 = 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>
1310-73-2	Sodium Hydroxide	10-15	1000		2ppm	2ppm
1310-58-3	Potassium Hydroxide	<5	1000		2ppm	2ppm
31138-65-5	Sodium Glucoheptonate	<5	100		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  
 Extinguishing Media: Select extinguisher suitable for surrounding fire Unusual Fire Hazards: N/A

**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		2ppm	2ppm
1310-58-3	Potassium Hydroxide		2ppm	2ppm
31138-65-5	Sodium Glucoheptonate		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: Pungent	Solubility in H2O: 100%
Color: Reddish - Brown	Specific Gravity: 1.1	pH: 13
Boiling Point: 220 *F Initial	Viscosity: No Data	Vapor Density: >1
Vapor Pressure: No Data	Volatility: N/A	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 Sodium Hydroxide, Potassium Hydroxide)

**Section 15: Regulatory Information**

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

TSCA Status: Sodium Hydroxide and Potassium Hydroxide, 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: Yes (Sodium Hydroxide, Potassium Hydroxide)

CERCLA Hazardous Substances: No

Section 311/312 Hazard Class: Yes (Sodium Hydroxide, Potassium Hydroxide)

Section 313 Toxic Chemicals: No

**Section 16: Other Information**

Prepared by: J. Chantz Horman on 10/10/14. 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.