

## Safety Data Sheet

### Section 1: Identification

Name: ALCO - Tidal Wave (0388)	Date Issued: 4-14-13
Other Name: N/A	ALCO Code: ALC10830
Recommended Use: Mechanical ware washing 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

Acute Effects:	Signs/Symptoms of Overexposure: N/A
Eye: Will cause damage to eyes	Medical Conditions Aggravated by Exposure: N/A
Skin: Will cause damage to skin	Ingestion: Harmful if swallowed
Inhalation: Inhalation of fumes will cause irritation to mucous membranes	

Prolonged/Repeated Exposure Effects: See section 2 for acute affects

Eye: N/A

Skin: N/A

Inhalation: N/A

Ingestion: N/A

\*\*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	% by Wt.	RQ#	OSHA	TWA	STEL
1310-73-2	Sodium Hydroxide Solid	37-42	1000lbs		2mg/m3	No Data
7758-29-4	Sodium Tripolyphosphate	17-22	5000lbs		No Data	No Data
497-19-8	Sodium Carbonate	7-10	N/A		5ppm	No Data

**%Phosphorus in product: 5.06%**

\*\*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

CAS Number	Chemical Name	OSHA	TWA	STEL
1310-73-2	Sodium Hydroxide Solid		2mg/m3	No Data
7758-29-4	Sodium Tripolyphosphate		No Data	No Data
497-19-8	Sodium Carbonate		5ppm	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.

### Section 9: Physical and Chemical Properties

Physical Form: Powder	Odor: Bleach	Freezing/Melting Point: N/D
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Color: White	Specific Gravity: >1	pH: Very Alkaline
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Boiling Point: N/D	Viscosity: N/D	Vapor Density: N/D
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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: Strong Acids, Hazardous Decomposition Products: N/A

Hydrated Lime, Oxidizers (Forms Sodium Hydroxide)

### 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: No Data      Bio accumulative Potential: No Data

Persistence and Degradability: No Data      Mobility in Soil? No Data

### Section 13: Disposal Considerations

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

### Section 14: Transportation Information

UN 3262, Corrosive Solid, Basic, Inorganic, 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: Sodium Hydroxide, Sodium Carbonate, Sodium Tripolyphosphate, which are chemical substances on this SDS is 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: Yes (Sodium Hydroxide, Sodium Tripolyphosphate)

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

Section 313 Toxic Chemicals: No

Prepared by: J. Chantz Horman on 4/14/13. 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.