SECTION 1: IDENTIFICATION

Product Identifier

Product Form: Mixture

Product Name: Arm & Hammer™ Super Washing Soda

Intended Use of the Product: Cleaning product

Name, Address, and Telephone of the Responsible Party

Company
Church & Dwight
500 Charles Ewing Blvd
Ewing Township, NJ 08628
T 1-800-524-1328
www.churchdwight.com

Emergency Telephone Number

Emergency Number: For Medical Emergency: 1-888-234-1828, For Chemical Emergency: 1-800-424-9300 (CHEMTREC)

SECTION 2: HAZARDS IDENTIFICATION

This product is labeled in accordance with regulations administered by the Consumer Product Safety Commission (CPSC). The use pattern and exposure in the workplace are generally not consistent with those experienced by consumers. The requirements of the Occupational Safety and Health Administration applicable to this SDS differ from the labeling requirements of the CPSC and, as a result, this SDS may contain additional health hazard information not pertinent to consumer use and not found on the product label.

Classification of the Substance or Mixture

Classification (GHS-US)

Eye Irrit. 2A H319

Full text of H-phrases: see section 16

Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US)

Signal Word (GHS-US) : Warning

Hazard Statements (GHS-US) : H319 - Causes serious eye irritation.

Precautionary Statements (GHS-US) : P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.
P280 - Wear protective gloves, protective clothing, and eye protection.
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 - If eye irritation persists: Get medical advice/attention.

Other Hazards: Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions.

Unknown Acute Toxicity (GHS-US) Not available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>Product Identifier</th>
<th>% (w/w)</th>
<th>Classification (GHS-US)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Disodium carbonate</td>
<td>(CAS No) 497-19-8</td>
<td>60 - 100</td>
<td>Eye Irrit. 2A, H319</td>
</tr>
</tbody>
</table>

Full text of H-phrases: see section 16
SECTION 4: FIRST AID MEASURES

Description of First Aid Measures

General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

Inhalation: When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

Skin Contact: Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation develops or persists.

Eye Contact: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.

Ingestion: Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

Most Important Symptoms and Effects Both Acute and Delayed

General: Causes serious eye irritation. Contact with particles may cause mechanical irritation of the skin with itching, redness, swelling, or rash; or irritation of the eyes with tearing, pain, or blurring of vision. Inhalation of dried-down material may cause irritation of the upper respiratory passages.

Inhalation: Prolonged exposure may cause irritation.

Skin Contact: Repeated or prolonged exposure is likely to cause irritation.

Eye Contact: Contact causes severe irritation with redness and swelling of the conjunctiva.

Ingestion: Ingestion may cause adverse effects.

Chronic Symptoms: None known.

Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Use extinguishing media appropriate for surrounding fire.

Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

Special Hazards Arising From the Substance or Mixture

Fire Hazard: Not considered flammable but may burn at high temperatures.

Explosion Hazard: Product is not explosive.

Reactivity: Reacts with acid to form: Carbon Dioxide.

Advice for Firefighters

Precautionary Measures Fire: Exercise caution when fighting any chemical fire.

Firefighting Instructions: Use water spray or fog for cooling exposed containers.

Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustion Products: Carbon oxides (CO, CO₂).

Reference to Other Sections

Refer to section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Avoid breathing dust. Avoid all contact with skin, eyes, or clothing.

For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protection equipment (PPE).


For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.

Environmental Precautions

Prevent entry to sewers and public waters.
Methods and Material for Containment and Cleaning Up

For Containment: Contain solid spills with appropriate barriers and prevent migration and entry into sewers or streams.

Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Avoid generation of dust during clean-up of spills. Recover the product by vacuuming, shoveling or sweeping. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

Reference to Other Sections
See Section 8, Exposure Controls and Personal Protection. See Section 13, Disposal Considerations.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling
Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.

Conditions for Safe Storage, Including Any Incompatibilities
Technical Measures: Comply with applicable regulations.

Storage Conditions: Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

Incompatible Materials: Acids.

Specific End Use(s): Cleaning product

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters
For substances listed in section 3 that are not listed here, there are no established Exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), NIOSH (REL), OSHA (PEL), Canadian provincial governments, or the Mexican government

Exposure Controls
Appropriate Engineering Controls: For occupational/workplace settings: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.


Materials for Protective Clothing: Chemically resistant materials and fabrics.

Hand Protection: Wear protective gloves.

Eye Protection: Chemical safety goggles.

Skin and Body Protection: Wear suitable protective clothing.

Respiratory Protection: If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn.

Other Information: When using, do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Physical State</th>
<th>Solid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>White granular powder</td>
</tr>
<tr>
<td>Odor</td>
<td>None</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not available</td>
</tr>
<tr>
<td>pH</td>
<td>11.4</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Not available</td>
</tr>
<tr>
<td>Melting Point</td>
<td>Not available</td>
</tr>
<tr>
<td>Freezing Point</td>
<td>Not available</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>Not available</td>
</tr>
<tr>
<td>Flash Point</td>
<td>Not available</td>
</tr>
<tr>
<td>Auto-ignition Temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not available</td>
</tr>
</tbody>
</table>
**Arm & Hammer™ Super Washing Soda**

Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations

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**Lower Flammable Limit**: Not available

**Upper Flammable Limit**: Not available

**Vapor Pressure**: Not available

**Relative Vapor Density at 20 °C**: Not available

**Relative Density**: Not available

**Specific Gravity**: 2.25

**Solubility**: Water: 7.1% @ 20 °C (68 °F)

**Partition Coefficient: N-Octanol/Water**: Not available

**Viscosity**: Not available

**Explosion Data – Sensitivity to Mechanical Impact**: Not expected to present an explosion hazard due to mechanical impact.

**Explosion Data – Sensitivity to Static Discharge**: Not expected to present an explosion hazard due to static discharge.

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**SECTION 10: STABILITY AND REACTIVITY**

**Reactivity**: Reacts with acid

**Chemical Stability**: Stable under recommended handling and storage conditions (see section 7).

**Possibility of Hazardous Reactions**: Hazardous polymerization will not occur.

**Conditions to Avoid**: Direct sunlight, incompatible materials, temperatures above 228 °F (109 °C).

**Incompatible Materials**: Acids. Lime.

**Hazardous Decomposition Products**: Thermal decomposition generates: Carbon oxides (CO, CO₂). Above 1564 °F (851 °F), yields sodium oxides.

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**SECTION 11: TOXICOLOGICAL INFORMATION**

**Information on Toxicological Effects - Product**

**Acute Toxicity**: Not classified

**LD50 and LC50 Data**: Not available

**Skin Corrosion/Irritation**: Not classified (pH: 11.4)

**Serious Eye Damage/Irritation**: Causes serious eye irritation. (pH: 11.4)

**Respiratory or Skin Sensitization**: Not classified

**Germ Cell Mutagenicity**: Not classified

**Teratogenicity**: Not classified

**Carcinogenicity**: Not classified

**Specific Target Organ Toxicity (Repeated Exposure)**: Not classified

**Reproductive Toxicity**: Not classified

**Specific Target Organ Toxicity (Single Exposure)**: Not classified

**Aspiration Hazard**: Not classified

**Symptoms/Injuries After Inhalation**: Prolonged exposure may cause irritation.

**Symptoms/Injuries After Skin Contact**: Repeated or prolonged exposure is likely to cause irritation.

**Symptoms/Injuries After Eye Contact**: Contact causes severe irritation with redness and swelling of the conjunctiva.

**Symptoms/Injuries After Ingestion**: Ingestion may cause adverse effects.

**Chronic Symptoms**: None known.

**Information on Toxicological Effects - Ingredient(s)**

**LD50 and LC50 Data**

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>LD50 Oral Rat</th>
<th>LC50 Inhalation Rat</th>
</tr>
</thead>
<tbody>
<tr>
<td>Disodium carbonate (497-19-8)</td>
<td>4090 mg/kg</td>
<td>2300 mg/m³ (Exposure time: 2 h)</td>
</tr>
</tbody>
</table>

---

**SECTION 12: ECOLOGICAL INFORMATION**

**Toxicity**

**Ecology - General**: Not classified.

<table>
<thead>
<tr>
<th>Disodium carbonate (497-19-8)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>LC50 Fish 1</strong></td>
</tr>
<tr>
<td><strong>EC50 Daphnia 1</strong></td>
</tr>
<tr>
<td><strong>LC50 Fish 2</strong></td>
</tr>
</tbody>
</table>

**Persistence and Degradability**: Not established
Bioaccumulative Potential
Disodium carbonate (497-19-8)  
BCF Fish 1  (no bioaccumulation)

Mobility in Soil  Not available

Other Adverse Effects
Other Information: Avoid release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS
Waste Disposal Recommendations: Dispose of contents/container in accordance with local, regional, national, and international regulations
Additional Information: Container may remain hazardous when empty. Continue to observe all precautions.

SECTION 14: TRANSPORT INFORMATION
In Accordance with DOT  Not regulated for transport
In Accordance with IMDG  Not regulated for transport
In Accordance with IATA  Not regulated for transport
In Accordance with TDG  Not regulated for transport

SECTION 15: REGULATORY INFORMATION
US Federal and International Regulations
Arm & Hammer™ Super Washing Soda
SARA Section 311/312 Hazard Classes  Immediate (acute) health hazard
Disodium carbonate (497-19-8)  
Listed on the AICS (Australian Inventory of Chemical Substances)  
Listed on the Canadian DSL (Domestic Substances List)  
Listed on IECS (Inventory of Existing Chemical Substances Produced or Imported in China)  
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)  
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
Listed on the Japanese ISHL (Industrial Safety and Health Law)  
Listed on the Korean ECL (Existing Chemicals List)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Listed on the United States TSCA (Toxic Substances Control Act) inventory  
Listed on the Canadian IDL (Ingredient Disclosure List)  
Listed on INSQ (Mexican national Inventory of Chemical Substances)  
Listed on Turkish inventory of chemical

US State Regulations
Neither this product nor its chemical components appear on any US state lists.

Canadian Regulations
Arm & Hammer™ Super Washing Soda
WHMIS Classification  Class D Division 2 Subdivision B - Toxic material causing other toxic effects
Disodium carbonate (497-19-8)  
Listed on the Canadian DSL (Domestic Substances List)  
Listed on the Canadian IDL (Ingredient Disclosure List)  
IDL Concentration 1 %  
WHMIS Classification  Class D Division 2 Subdivision B - Toxic material causing other toxic effects
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.
SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision Date: 10/02/2015
Other Information: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200. This product is labeled in accordance with regulations administered by the Consumer Product Safety Commission (CPSC). The use pattern and exposure in the workplace are generally not consistent with those experienced by consumers. The requirements of the Occupational Safety and Health Administration applicable to this SDS differ from the labeling requirements of the CPSC and, as a result, this SDS may contain additional health hazard information not pertinent to consumer use and not found on the product label.

GHS Full Text Phrases:

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Eye Irrit. 2A</td>
<td>Serious eye damage/eye irritation Category 2A</td>
</tr>
<tr>
<td>H319</td>
<td>Causes serious eye irritation</td>
</tr>
</tbody>
</table>

Party Responsible for the Preparation of This Document
Church & Dwight
500 Charles Ewing Blvd
Ewing Township, NJ 08628
T 1-800-524-1328

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