SECTION 1: IDENTIFICATION

Product Identifier
Product Form: Mixture
Product Name: ARM & HAMMER™ Powder Laundry Detergent
Product Code: 40002337, 40002380, 40002389, 42012971

Intended Use of the Product
Laundry Detergent.

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 (USA and Canada), 952-853-1925 (Outside USA and Canada); For Chemical Emergency (CHEMTREC): 1-800-424-9300 (USA and Canada), 1-703-741-5970 (Outside USA and Canada)

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
GHS-US/CA Classification
Eye Irrit. 2A H319
Aquatic Acute 3 H402

Full text of hazard classes and H-statements : see section 16

Label Elements
GHS-US/CA Labeling
Hazard Pictograms (GHS-US/CA) :

![Hazard Pictogram]

Signal Word (GHS-US/CA) : Warning

Precautionary Statements (GHS-US/CA) : P264 - Wash hands, forearms, and other exposed areas thoroughly after handling. P273 - Avoid release to the environment. 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. P501 - Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

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

Unknown Acute Toxicity (GHS-US/CA)
No data available
SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Mixture</th>
<th>Product Identifier</th>
<th>% *</th>
<th>GHS Ingredient Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Disodium carbonate</td>
<td>(CAS-No.) 497-19-8</td>
<td>80.2 - 82.9</td>
<td>Eye Irr. 2A, H319</td>
</tr>
<tr>
<td>Alcohols, C12-15, ethoxylated</td>
<td>(CAS-No.) 68131-39-5</td>
<td>6.8 - 7.8</td>
<td>Acute Tox. 4 (Oral), H302</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Eye Dam. 1, H318</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Aquatic Acute 2, H401</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Aquatic Chronic 3, H412</td>
</tr>
</tbody>
</table>

*Percentages are listed in weight by weight percentage (w/w%) for liquid and solid ingredients. Gas ingredients are listed in volume by volume percentage (v/v%).

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). |
| 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. |
| Inhalation | Prolonged exposure may cause irritation. |
| Skin Contact | Prolonged exposure may cause skin irritation. |
| Eye Contact | Contact causes severe irritation with redness and swelling of the conjunctiva. |
| Ingestion | Ingestion may cause adverse effects. |
| Chronic Symptoms | None expected under normal conditions of use. |

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 | Water spray, dry chemical, foam, carbon dioxide. |
| 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 | Hazardous reactions will not occur under normal conditions. |

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. |
| Other Information | Do not allow run-off from fire fighting to enter drains or water courses. |

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. |
ARM & HAMMER™ Powder Laundry Detergent
Safety Data Sheet
According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

For Non-Emergency Personnel
- **Protective Equipment:** Use appropriate personal protective equipment (PPE).
- **Emergency Procedures:** Evacuate unnecessary personnel.

For Emergency Personnel
- **Protective Equipment:** Equip cleanup crew with proper protection.
- **Emergency Procedures:** Ventilate area. 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. Avoid release to the environment.

**Methods and Materials 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. 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 for exposure controls and personal protection and Section 13 for disposal considerations.

**SECTION 7: HANDLING AND STORAGE**

**Precautions for Safe Handling**
- **Precautions for Safe Handling:** Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid breathing dust. Avoid contact with skin, eyes and clothing.
- **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:** Strong acids, strong bases, strong oxidizers.

**Specific End Use(s)**
Laundry Detergent.

**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), AIHA (WEEL), NIOSH (REL), OSHA (PEL), Canadian provincial governments, or the Mexican government.

**Exposure Controls**
- **Appropriate Engineering Controls:** 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.
- **Personal Protective Equipment:** Gloves. Protective clothing. Protective goggles.

**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. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.
- **Other Information:** When using, do not eat, drink or smoke.
SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

- Physical State: Solid
- Appearance: White powder
- Odor: Characteristic
- Odor Threshold: Not available
- pH: 10 - 12
- Evaporation Rate: Not available
- Melting Point: Not applicable
- Freezing Point: Not available
- Boiling Point: Not applicable
- Flash Point: Not applicable
- Auto-ignition Temperature: Not available
- Decomposition Temperature: Not available
- Flammability (solid, gas): Not available
- 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
- Density: 590 - 700 g/l
- Specific Gravity: Not available
- Solubility: Complete in water.
- Partition Coefficient: N-Octanol/Water: Not available
- Viscosity: Not available

SECTION 10: STABILITY AND REACTIVITY

Reactivity: Hazardous reactions will not occur under normal conditions.

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, extremely high or low temperatures, and incompatible materials.

Incompatible Materials: Strong acids, strong bases, strong oxidizers.

Hazardous Decomposition Products: None expected under normal conditions of use.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects - Product

- Acute Toxicity (Oral): Not classified.
- Acute Toxicity (Dermal): Not classified
- Acute Toxicity (Inhalation): Not classified

LD50 and LC50 Data:

| ARM & HAMMER™ Powder Laundry Detergent | LD50 Oral Rat | ≈ 3 g/kg |

Skin Corrosion/Irritation: Not classified

pH: 10 - 12

Eye Damage/Irritation: Causes serious eye irritation.

pH: 10 - 12

Respiratory or Skin Sensitization: Not classified

Germ Cell Mutagenicity: 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: Prolonged exposure may cause skin 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 expected under normal conditions of use.

Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data:

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>LD50 Oral Rat</th>
<th>LD50 Inhalation Rat</th>
<th>LC50 Oral Rat</th>
<th>LC50 Dermal 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>
<td></td>
<td></td>
</tr>
<tr>
<td>Alcohols, C12-15, ethoxylated (68131-39-5)</td>
<td>1600 - 2700 mg/kg</td>
<td></td>
<td></td>
<td>5000 mg/kg</td>
</tr>
</tbody>
</table>

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

Ecology - General: Harmful to aquatic life.

Disodium carbonate (497-19-8)

<table>
<thead>
<tr>
<th>Test</th>
<th>Concentration</th>
<th>Exposure Time</th>
<th>Species</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50 Fish 1</td>
<td>300 mg/l</td>
<td>96 h</td>
<td>Lepomis macrochirus [static]</td>
</tr>
<tr>
<td>EC50 Daphnia 1</td>
<td>265 mg/l</td>
<td>48 h</td>
<td>Daphnia magna</td>
</tr>
<tr>
<td>LC50 Fish 2</td>
<td>310 - 1220 mg/l</td>
<td>96 h</td>
<td>Pimephales promelas [static]</td>
</tr>
</tbody>
</table>

Persistence and Degradability

ARM & HAMMER™ Powder Laundry Detergent

Persistence and Degradability: Not established.

Bioaccumulative Potential

ARM & HAMMER™ Powder Laundry Detergent

Bioaccumulative Potential: Not established.

Disodium carbonate (497-19-8)

<table>
<thead>
<tr>
<th>Test</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCF Fish 1</td>
<td>(no bioaccumulation)</td>
</tr>
</tbody>
</table>

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, territorial, provincial, and international regulations.

Additional Information: Container may remain hazardous when empty. Continue to observe all precautions.

Ecology - Waste Materials: Avoid release to the environment. This material is hazardous to the aquatic environment. Keep out of sewers and waterways.

SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

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

<table>
<thead>
<tr>
<th>Substance</th>
<th>Regulatory Information</th>
</tr>
</thead>
</table>
| **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 CICR (Turkish Inventory and Control of Chemicals)  
Listed on the TCSI (Taiwan Chemical Substance Inventory) |
| **Alcohols, C12-15, ethoxylated (68131-39-5)** | Listed on the EU NLP (No Longer Polymers) inventory  
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 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  
Japanese Pollutant Release and Transfer Register Law (PRTR Law)  
Listed on INSQ (Mexican National Inventory of Chemical Substances)  
Listed on CICR (Turkish Inventory and Control of Chemicals)  
Listed on the TCSI (Taiwan Chemical Substance Inventory) |

### EPA TSCA Regulatory Flag

**XU - XU** - indicates a substance exempt from reporting under the Inventory Update Reporting Rule, i.e, Partial Updating of the TSCA Inventory Data Base Production and Site Reports (40 CFR 710(C)).

### US State Regulations

Neither this product nor its chemical components appear on any US state lists, or its chemical components are not required to be disclosed.

### Canadian Regulations

<table>
<thead>
<tr>
<th>Substance</th>
<th>Regulatory Information</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Disodium carbonate (497-19-8)</strong></td>
<td>Listed on the Canadian DSL (Domestic Substances List)</td>
</tr>
<tr>
<td><strong>Alcohols, C12-15, ethoxylated (68131-39-5)</strong></td>
<td>Listed on the Canadian DSL (Domestic Substances List)</td>
</tr>
</tbody>
</table>

## SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

- **Date of Preparation or Latest Revision**: 02/12/2020
- **Other Information**: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200 and Canada’s Hazardous Products Regulations (HPR) SOR/2015-17.
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:

<table>
<thead>
<tr>
<th>Acute Tox. 4 (Oral)</th>
<th>Acute toxicity (oral) Category 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aquatic Acute 2</td>
<td>Hazardous to the aquatic environment - Acute Hazard Category 2</td>
</tr>
<tr>
<td>Aquatic Acute 3</td>
<td>Hazardous to the aquatic environment - Acute Hazard Category 3</td>
</tr>
<tr>
<td>Aquatic Chronic 3</td>
<td>Hazardous to the aquatic environment - Chronic Hazard Category 3</td>
</tr>
<tr>
<td>Eye Dam. 1</td>
<td>Serious eye damage/eye irritation Category 1</td>
</tr>
<tr>
<td>Eye Irrit. 2A</td>
<td>Serious eye damage/eye irritation Category 2A</td>
</tr>
<tr>
<td>H302</td>
<td>Harmful if swallowed</td>
</tr>
<tr>
<td>H318</td>
<td>Causes serious eye damage</td>
</tr>
<tr>
<td>H319</td>
<td>Causes serious eye irritation</td>
</tr>
<tr>
<td>H401</td>
<td>Toxic to aquatic life</td>
</tr>
<tr>
<td>H402</td>
<td>Harmful to aquatic life</td>
</tr>
<tr>
<td>H412</td>
<td>Harmful to aquatic life with long lasting effects</td>
</tr>
</tbody>
</table>

This Product Safety Data Sheet is offered solely for your information, consideration and investigation. Church & Dwight Co., Inc. provides no warranties; either expressed or implied, and assumes no responsibility for the accuracy or completeness of data contained herein. Church & Dwight Co., Inc. urges persons receiving this information to make their own determination as to the information suitability for their particular application.