



# Arm & Hammer™ Sensitive Complete Protection (NA GHS 2015)

## 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).

Date of Issue: 04/07/2022

Version: 1.0

## SECTION 1: IDENTIFICATION

### Product Identifier

**Product Form:** Mixture

**Product Name:** Arm & Hammer™ Sensitive Complete Protection (NA GHS 2015)

**Product Code:** 40002968

### Intended Use of the Product

Toothpaste

### 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](http://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: ChemTel LLC (800)255-3924 (North America) +1 (813)248-0585 (International)

## SECTION 2: HAZARDS IDENTIFICATION

The consumer variant of this product is labeled in accordance with regulations administered by the Consumer Product Safety Commission (CPSC) and the Food and Drug Administration (FDA). 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 FDA, 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. 2 H319

Skin Sens. 1 H317

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)**



#### **Signal Word (GHS-US/CA)**

: Warning

#### **Hazard Statements (GHS-US/CA)**

: H317 - May cause an allergic skin reaction.

H319 - Causes serious eye irritation.

H402 - Harmful to aquatic life.

#### **Precautionary Statements (GHS-US/CA)**

: P261 - Avoid breathing vapors, mist, or spray.

P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.

P272 - Contaminated work clothing should not be allowed out of the workplace.

P273 - Avoid release to the environment.

P280 - Wear protective gloves, protective clothing, and eye protection.

P302+P352 - IF ON SKIN: Wash with plenty of water.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P321 - Specific treatment (see section 4 on this SDS).

# Arm & Hammer™ Sensitive Complete Protection (NA GHS 2015)

## 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).

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P337+P313 - If eye irritation persists: Get medical advice/attention.

P362+P364 - Take off contaminated clothing and wash it before reuse.

P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations.

### Other Hazards

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

### Unknown Acute Toxicity (GHS-US/CA)

No additional information available

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### Mixture

| Name  | Product Identifier   | % *        | GHS Ingredient Classification   |
|---|----------------------|------------|---|
| Silica, amorphous   | (CAS-No.) 7631-86-9  | 3-7        | Not classified  |
| 1,2,3-Propanetriol  | (CAS-No.) 56-81-5    | 3-7        | Not classified  |
| Cyclohexanol, 5-methyl-2-(1-methylethyl)-, (1.alpha.,2.beta.,5.alpha.)- | (CAS-No.) 89-78-1    | 0.5 – 1    | Skin Irrit. 2, H315<br>Eye Irrit. 2A, H319<br>Aquatic Acute 3, H402   |
| Sodium lauryl sulfate<br>(Surfactant)                                   | (CAS-No.) 151-21-3   | 0.1-1      | Flam. Sol. 2, H228<br>Acute Tox. 4 (Oral), H302<br>Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>STOT SE 3, H335<br>Aquatic Acute 2, H401<br>Aquatic Chronic 3, H412<br>Comb. Dust |
| Titanium dioxide  | (CAS-No.) 13463-67-7 | 0.1-1      | Not classified  |
| Sodium fluoride   | (CAS-No.) 7681-49-4  | 0.1-1      | Acute Tox. 3 (Oral), H301<br>Skin Irrit. 2, H315<br>Eye Irrit. 2A, H319<br>Aquatic Acute 3, H402<br>Aquatic Chronic 3, H412   |
| Benzene, 1-methoxy-4-(1-propenyl)-, (E)-                                | (CAS-No.) 4180-23-8  | 0.1 – 0.2  | Skin Sens. 1, H317<br>Aquatic Acute 2, H401   |
| Cyclohexanone, 5-methyl-2-(1-methylethyl)-                              | (CAS-No.) 10458-14-7 | 0.05 – 0.1 | Flam. Liq. 3, H226<br>Skin Irrit. 2, H315<br>Skin Sens. 1, H317<br>Aquatic Chronic 3, H412  |

Full text of H-statements: see section 16

\*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%). The actual concentration of ingredient(s) is withheld as a trade secret in accordance with the Hazardous Products Regulations (HPR) SOR/2015-17 and 29 CFR 1910.1200.

## 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. Wash affected area with soap and water for at least 15 minutes. Obtain medical attention if irritation/rash develops or persists.

**Eye Contact:** Immediately rinse 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.

# Arm & Hammer™ Sensitive Complete Protection (NA GHS 2015)

## 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).

### **Most Important Symptoms and Effects Both Acute and Delayed**

**General:** Skin sensitization. Causes serious eye irritation.

**Inhalation:** Prolonged exposure may cause irritation.

**Skin Contact:** May cause an allergic skin reaction.

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

**Ingestion:** Ingestion of large quantities may cause adverse effects.

**Chronic Symptoms:** May cause an allergic skin reaction.

### **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, fog, carbon dioxide (CO<sub>2</sub>), alcohol-resistant foam, or dry chemical.

**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.

**Hazardous Combustion Products:** Carbon oxides (CO, CO<sub>2</sub>). Sodium oxides. Silica compounds. Nitrogen oxides. Potassium oxides. Irritating fumes.

**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 all contact with skin, eyes, or clothing. Avoid breathing dust. Do not get in eyes, on skin, or on clothing.

#### **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:** 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. Ventilate area.

### **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 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:** Avoid contact with skin, eyes and clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid breathing dust.

**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.

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## 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).

**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)

Toothpaste

## 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), or Canadian provincial governments.

| <b>Silica, amorphous (7631-86-9)</b> |                         |   |
|--------------------------------------|-------------------------|---|
| <b>USA OSHA</b>                      | OSHA PEL (TWA) [1]      | 6 mg/m <sup>3</sup>   |
| <b>USA OSHA</b>                      | OSHA PEL (TWA) [2]      | 20 mppcf (80mg/m <sup>3</sup> /%SiO <sub>2</sub> )  |
| <b>USA NIOSH</b>                     | NIOSH REL (TWA)         | 6 mg/m <sup>3</sup>   |
| <b>USA IDLH</b>                      | IDLH                    | 3000 mg/m <sup>3</sup>  |
| <b>Yukon</b>                         | OEL TWA                 | 300 particle/mL (as measured by Konimeter instrumentation (Silica)<br>20 mppcf (as measured by Impinger instrumentation (Silica)<br>2 mg/m <sup>3</sup> (respirable mass (Silica) |
| <b>1,2,3-Propanetriol (56-81-5)</b>  |                         |   |
| <b>USA OSHA</b>                      | OSHA PEL (TWA) [1]      | 15 mg/m <sup>3</sup> (mist, total particulate)<br>5 mg/m <sup>3</sup> (mist, respirable fraction)   |
| <b>Alberta</b>                       | OEL TWA                 | 10 mg/m <sup>3</sup> (mist)   |
| <b>British Columbia</b>              | OEL TWA                 | 10 mg/m <sup>3</sup> (mist, total)<br>3 mg/m <sup>3</sup> (mist-respirable)   |
| <b>New Brunswick</b>                 | OEL TWA                 | 10 mg/m <sup>3</sup> (mist)   |
| <b>Nunavut</b>                       | OEL STEL                | 20 mg/m <sup>3</sup> (mist)   |
| <b>Nunavut</b>                       | OEL TWA                 | 10 mg/m <sup>3</sup> (mist)   |
| <b>Northwest Territories</b>         | OEL STEL                | 20 mg/m <sup>3</sup> (mist)   |
| <b>Northwest Territories</b>         | OEL TWA                 | 10 mg/m <sup>3</sup> (mist)   |
| <b>Québec</b>                        | VEMP (OEL TWA)          | 10 mg/m <sup>3</sup> (mist)   |
| <b>Saskatchewan</b>                  | OEL STEL                | 20 mg/m <sup>3</sup> (mist)   |
| <b>Saskatchewan</b>                  | OEL TWA                 | 10 mg/m <sup>3</sup> (mist)   |
| <b>Yukon</b>                         | OEL TWA                 | 30 mppcf (mist)<br>10 mg/m <sup>3</sup> (mist)  |
| <b>Titanium dioxide (13463-67-7)</b> |                         |   |
| <b>USA ACGIH</b>                     | ACGIH OEL TWA           | 10 mg/m <sup>3</sup>  |
| <b>USA ACGIH</b>                     | ACGIH chemical category | Not Classifiable as a Human Carcinogen  |
| <b>USA OSHA</b>                      | OSHA PEL (TWA) [1]      | 15 mg/m <sup>3</sup> (total dust)   |
| <b>USA NIOSH</b>                     | NIOSH REL (TWA)         | 2.4 mg/m <sup>3</sup> (CIB 63-fine)<br>0.3 mg/m <sup>3</sup> (CIB 63-ultrafine, including engineered nanoscale)   |
| <b>USA IDLH</b>                      | IDLH                    | 5000 mg/m <sup>3</sup>  |
| <b>Alberta</b>                       | OEL TWA                 | 10 mg/m <sup>3</sup>  |
| <b>British Columbia</b>              | OEL TWA                 | 10 mg/m <sup>3</sup> (total dust)<br>3 mg/m <sup>3</sup> (respirable fraction)  |
| <b>Manitoba</b>                      | OEL TWA                 | 10 mg/m <sup>3</sup>  |
| <b>New Brunswick</b>                 | OEL TWA                 | 10 mg/m <sup>3</sup>  |
| <b>Newfoundland &amp; Labrador</b>   | OEL TWA                 | 10 mg/m <sup>3</sup>  |
| <b>Nova Scotia</b>                   | OEL TWA                 | 10 mg/m <sup>3</sup>  |
| <b>Nunavut</b>                       | OEL STEL                | 20 mg/m <sup>3</sup>  |

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## 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).

|                                    |                    |   |
|------------------------------------|--------------------|---|
| Nunavut                            | OEL TWA            | 10 mg/m <sup>3</sup>  |
| Northwest Territories              | OEL STEL           | 20 mg/m <sup>3</sup>  |
| Northwest Territories              | OEL TWA            | 10 mg/m <sup>3</sup>  |
| Ontario                            | OEL TWA            | 10 mg/m <sup>3</sup>  |
| Prince Edward Island               | OEL TWA            | 10 mg/m <sup>3</sup>  |
| Québec                             | VEMP (OEL TWA)     | 10 mg/m <sup>3</sup> (containing no Asbestos and <1% Crystalline silica-total dust) |
| Saskatchewan                       | OEL STEL           | 20 mg/m <sup>3</sup>  |
| Saskatchewan                       | OEL TWA            | 10 mg/m <sup>3</sup>  |
| Yukon                              | OEL STEL           | 20 mg/m <sup>3</sup>  |
| Yukon                              | OEL TWA            | 30 mppcf<br>10 mg/m <sup>3</sup>  |
| <b>Sodium fluoride (7681-49-4)</b> |                    |   |
| USA OSHA                           | OSHA PEL (TWA) [1] | 2.5 mg/m <sup>3</sup> (as F)  |
| USA NIOSH                          | NIOSH REL (TWA)    | 2.5 mg/m <sup>3</sup> (as F)  |
| USA IDLH                           | IDLH               | 250 mg/m <sup>3</sup>   |

### 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.

**Personal Protective Equipment:** For occupational/workplace settings and bulk quantities: Gloves. Protective clothing. Protective goggles.



**Materials for Protective Clothing:** For occupational/workplace settings: Chemically resistant materials and fabrics.

**Hand Protection:** For occupational/workplace settings: Wear protective gloves.

**Eye Protection:** For occupational/workplace settings: Chemical safety goggles.

**Skin and Body Protection:** For occupational/workplace settings: 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, opaque paste |
| Odor                      | : Mint                |
| Odor Threshold            | : No data available   |
| pH                        | : 8.5                 |
| Evaporation Rate          | : No data available   |
| Melting Point             | : No data available   |
| Freezing Point            | : No data available   |
| Boiling Point             | : No data available   |
| Flash Point               | : No data available   |
| Auto-ignition Temperature | : No data available   |
| Decomposition Temperature | : No data available   |
| Flammability (solid, gas) | : No data available   |
| Lower Flammable Limit     | : No data available   |
| Upper Flammable Limit     | : No data available   |
| Vapor Pressure            | : No data available   |

# Arm & Hammer™ Sensitive Complete Protection (NA GHS 2015)

## 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).

|  |                          |
|--|--------------------------|
| Relative Vapor Density at 20°C         | : No data available      |
| Relative Density                       | : No data available      |
| Density                                | : 1.56 g/cm <sup>3</sup> |
| Specific Gravity                       | : No data available      |
| Solubility                             | : No data available      |
| Partition Coefficient: N-Octanol/Water | : No data available      |
| Viscosity                              | : No data 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:

Not expected to decompose under ambient conditions.

## 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:**

No additional information available

**Skin Corrosion/Irritation:** Not classified

**pH:** 8.5

**Eye Damage/Irritation:** Causes serious eye irritation.

**pH:** 8.5

**Respiratory or Skin Sensitization:** May cause an allergic skin reaction.

**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:** May cause an allergic skin reaction.

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

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

**Chronic Symptoms:** May cause an allergic skin reaction.

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

#### **LD50 and LC50 Data:**

|  |                          |
|--|--------------------------|
| <b>Silica, amorphous (7631-86-9)</b>   |                          |
| LD50 Oral Rat  | 7900 mg/kg               |
| LD50 Dermal Rabbit   | > 2000 mg/kg (No deaths) |
| <b>1,2,3-Propanetriol (56-81-5)</b>  |                          |
| LD50 Oral Rat  | 12600 mg/kg              |
| LD50 Dermal Rabbit   | > 10 g/kg                |
| <b>Cyclohexanol, 5-methyl-2-(1-methylethyl)-, (1.alpha.,2.beta.,5.alpha.)- (89-78-1)</b> |                          |

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## 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).

|   |   |
|---|---|
| LD50 Oral Rat   | 3180 mg/kg                                    |
| LC50 Inhalation Rat   | 5289 mg/m <sup>3</sup> (Exposure time: 4 h)   |
| <b>Benzene, 1-methoxy-4-(1-propenyl)-, (E)- (4180-23-8)</b> |   |
| LD50 Oral Rat   | 2090 mg/kg                                    |
| LD50 Dermal Rabbit  | > 4900 mg/kg                                  |
| LC50 Inhalation Rat   | > 5.1 mg/l/4h                                 |
| <b>Sodium lauryl sulfate (151-21-3)</b>                     |   |
| LD50 Oral Rat   | 500 – 2000 mg/kg OECD Guideline 401           |
| LD50 Dermal Rabbit  | > 2000 mg/kg                                  |
| <b>Titanium dioxide (13463-67-7)</b>                        |   |
| LD50 Oral Rat   | > 10000 mg/kg                                 |
| LC50 Inhalation Rat   | 5.09 mg/l/4h                                  |
| <b>Sodium fluoride (7681-49-4)</b>                          |   |
| LD50 Oral Rat   | 148.5 mg/kg                                   |
| LD50 Dermal Rat   | > 2000 mg/kg (no details given)               |
| <b>Silica, amorphous (7631-86-9)</b>                        |   |
| IARC Group  | 3   |
| <b>Titanium dioxide (13463-67-7)</b>                        |   |
| IARC Group  | 2B  |
| OSHA Hazard Communication Carcinogen List                   | In OSHA Hazard Communication Carcinogen list. |
| <b>Sodium fluoride (7681-49-4)</b>                          |   |
| IARC Group  | 3   |

## SECTION 12: ECOLOGICAL INFORMATION

### Toxicity

Ecology - General: Harmful to aquatic life.

|  |  |
|--|--|
| <b>Silica, amorphous (7631-86-9)</b>   |  |
| LC50 Fish 1  | 5000 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static])                    |
| EC50 - Crustacea [1]   | 7600 mg/l (Exposure time: 48 h - Species: Ceriodaphnia dubia)                            |
| <b>1,2,3-Propanetriol (56-81-5)</b>  |  |
| LC50 Fish 1  | 54000 (51000 – 57000) mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static]) |
| <b>Cyclohexanol, 5-methyl-2-(1-methylethyl)-, (1.alpha.,2.beta.,5.alpha.)- (89-78-1)</b> |  |
| ErC50 algae  | 16.2 mg/l (Exposure time: 72 h - Species: Desmodesmus subspicatus)                       |
| <b>Benzene, 1-methoxy-4-(1-propenyl)-, (E)- (4180-23-8)</b>                              |  |
| LC50 Fish 1  | 7 mg/l (Exposure time: 96 h - Species: Danio rerio)                                      |
| EC50 - Crustacea [1]   | 4.25 mg/l (Exposure time: 48 h - Species: Daphnia magna)                                 |
| <b>Sodium lauryl sulfate (151-21-3)</b>  |  |
| LC50 Fish 1  | 10 – 100 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])              |
| LC50 Fish 2  | (Exposure time: 96 h - Species: Pimephales promelas [static])                            |
| NOEC Chronic Crustacea   | 0.88 mg/l  |
| <b>Sodium fluoride (7681-49-4)</b>   |  |
| LC50 Fish 1  | > 530 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus)                          |
| EC50 - Crustacea [1]   | 338 mg/l (Exposure time: 48 h - Species: Daphnia magna)                                  |
| LC50 Fish 2  | 830 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [semi-static])              |
| EC50 - Crustacea [2]   | 98 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])                          |
| NOEC Chronic Crustacea   | 8.2 mg/l   |

### Persistence and Degradability

|  |                  |
|--|------------------|
| <b>Arm &amp; Hammer™ Sensitive Complete Protection (NA GHS 2015)</b> |                  |
| Persistence and Degradability  | Not established. |

# Arm & Hammer™ Sensitive Complete Protection (NA GHS 2015)

## 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).

### Bioaccumulative Potential

| Arm & Hammer™ Sensitive Complete Protection (NA GHS 2015) |                               |
|---|-------------------------------|
| Bioaccumulative Potential                                 | Not established.              |
| Silica, amorphous (7631-86-9)                             |                               |
| BCF Fish 1  | (no bioaccumulation expected) |
| 1,2,3-Propanetriol (56-81-5)                              |                               |
| BCF Fish 1  | (no bioaccumulation)          |
| Log POW   | -1.76                         |
| Sodium lauryl sulfate (151-21-3)                          |                               |
| BCF Fish 1  | (will not bioconcentrate)     |
| Log POW   | 1.6                           |

### Mobility in Soil

No additional information 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.

**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

| Arm & Hammer™ Sensitive Complete Protection (NA GHS 2015)  |   |
|--|---|
| SARA Section 311/312 Hazard Classes  | Health hazard - Respiratory or skin sensitization<br>Health hazard - Serious eye damage or eye irritation |
| Silica, amorphous (7631-86-9)  |   |
| Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active         |   |
| Listed on the Canadian DSL (Domestic Substances List)  |   |
| Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) |   |
| Listed on the Canadian IDL (Ingredient Disclosure List)  |   |
| Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)       |   |
| Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)                       |   |
| Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory                         |   |
| Listed on KECL/KECI (Korean Existing Chemicals Inventory)  |   |
| Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)          |   |
| Listed on NZIoC (New Zealand Inventory of Chemicals)   |   |
| Listed on the Japanese ISHL (Industrial Safety and Health Law)                                     |   |
| Listed on INSQ (Mexican National Inventory of Chemical Substances)                                 |   |
| Listed on the TCSI (Taiwan Chemical Substance Inventory)   |   |
| Listed on the NCI (Vietnam - National Chemicals Inventory)   |   |



# Arm & Hammer™ Sensitive Complete Protection (NA GHS 2015)

## 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).

### **1,2,3-Propanetriol (56-81-5)**

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active  
Listed on the Canadian DSL (Domestic Substances List)  
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)  
Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
Listed on KECL/KECI (Korean Existing Chemicals Inventory)  
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on the Japanese ISHL (Industrial Safety and Health Law)  
Listed on INSQ (Mexican National Inventory of Chemical Substances)  
Listed on the TCSI (Taiwan Chemical Substance Inventory)  
Listed on the NCI (Vietnam - National Chemicals Inventory)

### **Cyclohexanol, 5-methyl-2-(1-methylethyl)-, (1.alpha.,2.beta.,5.alpha.)- (89-78-1)**

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active  
Listed on the Canadian DSL (Domestic Substances List)  
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)  
Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
Listed on KECL/KECI (Korean Existing Chemicals Inventory)  
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on the Japanese ISHL (Industrial Safety and Health Law)  
Listed on INSQ (Mexican National Inventory of Chemical Substances)  
Listed on the TCSI (Taiwan Chemical Substance Inventory)  
Listed on the NCI (Vietnam - National Chemicals Inventory)

### **Benzene, 1-methoxy-4-(1-propenyl)-, (E)- (4180-23-8)**

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active  
Listed on the Canadian DSL (Domestic Substances List)  
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)  
Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
Listed on KECL/KECI (Korean Existing Chemicals Inventory)  
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on the Japanese ISHL (Industrial Safety and Health Law)  
Listed on INSQ (Mexican National Inventory of Chemical Substances)  
Listed on the TCSI (Taiwan Chemical Substance Inventory)  
Listed on the NCI (Vietnam - National Chemicals Inventory)

### **Cyclohexanone, 5-methyl-2-(1-methylethyl)- (10458-14-7)**

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 NZIoC (New Zealand Inventory of Chemicals)  
Listed on KECL/KECI (Korean Existing Chemicals Inventory)  
Listed on the Japanese ISHL (Industrial Safety and Health Law)  
Listed on the TCSI (Taiwan Chemical Substance Inventory)  
Listed on the NCI (Vietnam - National Chemicals Inventory)

### **Sodium lauryl sulfate (151-21-3)**

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active  
Listed on the Canadian DSL (Domestic Substances List)

# Arm & Hammer™ Sensitive Complete Protection (NA GHS 2015)

## Safety Data Sheet

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Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)  
Listed on the Canadian IDL (Ingredient Disclosure List)  
Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
Listed on KECL/KECI (Korean Existing Chemicals Inventory)  
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
Japanese Pollutant Release and Transfer Register Law (PRTR Law)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on the Japanese ISHL (Industrial Safety and Health Law)  
Listed on INSQ (Mexican National Inventory of Chemical Substances)  
Listed on the TCSI (Taiwan Chemical Substance Inventory)  
Listed on the NCI (Vietnam - National Chemicals Inventory)

### **Titanium dioxide (13463-67-7)**

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active  
Listed on the Canadian DSL (Domestic Substances List)  
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)  
Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
Listed on KECL/KECI (Korean Existing Chemicals Inventory)  
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on the Japanese ISHL (Industrial Safety and Health Law)  
Listed on INSQ (Mexican National Inventory of Chemical Substances)  
Listed on the TCSI (Taiwan Chemical Substance Inventory)  
Listed on the NCI (Vietnam - National Chemicals Inventory)

### **Sodium fluoride (7681-49-4)**

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active  
Listed on the Canadian DSL (Domestic Substances List)  
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)  
Listed on the Canadian IDL (Ingredient Disclosure List)  
Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
Listed on KECL/KECI (Korean Existing Chemicals Inventory)  
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
Japanese Poisonous and Deleterious Substances Control Law  
Japanese Pollutant Release and Transfer Register Law (PRTR Law)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on the Japanese ISHL (Industrial Safety and Health Law)  
Listed on INSQ (Mexican National Inventory of Chemical Substances)  
Listed on the TCSI (Taiwan Chemical Substance Inventory)  
Listed on the NCI (Vietnam - National Chemicals Inventory)

**CERCLA RQ**

1000 lb

### **US State Regulations**

#### **Silica, amorphous (7631-86-9)**

U.S. - Pennsylvania - RTK (Right to Know) List  
U.S. - Massachusetts - Right To Know List

#### **1,2,3-Propanetriol (56-81-5)**

U.S. - New Jersey - Right to Know Hazardous Substance List  
U.S. - Pennsylvania - RTK (Right to Know) List  
U.S. - Massachusetts - Right To Know List

# Arm & Hammer™ Sensitive Complete Protection (NA GHS 2015)

## 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).

|   |
|---|
| <b>Titanium dioxide (13463-67-7)</b>                                  |
| U.S. - New Jersey - Right to Know Hazardous Substance List            |
| U.S. - Pennsylvania - RTK (Right to Know) List                        |
| U.S. - Massachusetts - Right To Know List                             |
| <b>Sodium fluoride (7681-49-4)</b>                                    |
| U.S. - New Jersey - Right to Know Hazardous Substance List            |
| U.S. - Pennsylvania - RTK (Right to Know) List                        |
| U.S. - Massachusetts - Right To Know List                             |
| U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List |

### Canadian Regulations

|  |
|--|
| <b>Silica, amorphous (7631-86-9)</b>   |
| Listed on the Canadian DSL (Domestic Substances List)                                    |
| <b>1,2,3-Propanetriol (56-81-5)</b>  |
| Listed on the Canadian DSL (Domestic Substances List)                                    |
| <b>Cyclohexanol, 5-methyl-2-(1-methylethyl)-, (1.alpha.,2.beta.,5.alpha.)- (89-78-1)</b> |
| Listed on the Canadian DSL (Domestic Substances List)                                    |
| <b>Benzene, 1-methoxy-4-(1-propenyl)-, (E)- (4180-23-8)</b>                              |
| Listed on the Canadian DSL (Domestic Substances List)                                    |
| <b>Sodium lauryl sulfate (151-21-3)</b>  |
| Listed on the Canadian DSL (Domestic Substances List)                                    |
| <b>Titanium dioxide (13463-67-7)</b>   |
| Listed on the Canadian DSL (Domestic Substances List)                                    |
| <b>Sodium fluoride (7681-49-4)</b>   |
| Listed on the Canadian DSL (Domestic Substances List)                                    |

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

|   |   |
|---|---|
| <b>Date of Preparation or Latest Revision</b> | : 04/07/2022  |
| <b>Other Information</b>                      | : 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. |

### GHS Full Text Phrases:

|                     |  |
|---------------------|--|
| Acute Tox. 3 (Oral) | Acute toxicity (oral) Category 3   |
| Acute Tox. 4 (Oral) | Acute toxicity (oral) Category 4   |
| Aquatic Acute 1     | Hazardous to the aquatic environment - Acute Hazard Category 1                             |
| Aquatic Acute 2     | Hazardous to the aquatic environment - Acute Hazard Category 2                             |
| Aquatic Acute 3     | Hazardous to the aquatic environment - Acute Hazard Category 3                             |
| Aquatic Chronic 1   | Hazardous to the aquatic environment - Chronic Hazard Category 1                           |
| Aquatic Chronic 3   | Hazardous to the aquatic environment - Chronic Hazard Category 3                           |
| Asp. Tox. 1         | Aspiration hazard Category 1   |
| Comb. Dust          | Combustible Dust   |
| Eye Dam. 1          | Serious eye damage/eye irritation Category 1   |
| Eye Irrit. 2        | Serious eye damage/eye irritation Category 2   |
| Eye Irrit. 2A       | Serious eye damage/eye irritation Category 2A  |
| Flam. Liq. 3        | Flammable liquids Category 3   |
| Flam. Sol. 2        | Flammable solids Category 2  |
| Skin Irrit. 2       | Skin corrosion/irritation Category 2   |
| Skin Sens. 1        | Skin sensitization, Category 1   |
| Skin Sens. 1B       | Skin sensitization, category 1B  |
| STOT SE 3           | Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation |

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## 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).

|      |  |
|------|--|
| H226 | Flammable liquid and vapor                           |
| H228 | Flammable solid                                      |
| H301 | Toxic if swallowed                                   |
| H302 | Harmful if swallowed                                 |
| H304 | May be fatal if swallowed and enters airways         |
| H315 | Causes skin irritation                               |
| H317 | May cause an allergic skin reaction                  |
| H318 | Causes serious eye damage                            |
| H319 | Causes serious eye irritation                        |
| H335 | May cause respiratory irritation                     |
| H400 | Very toxic to aquatic life                           |
| H401 | Toxic to aquatic life                                |
| H402 | Harmful to aquatic life                              |
| H410 | Very toxic to aquatic life with long lasting effects |
| H412 | Harmful to aquatic life with long lasting effects    |

*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.*

Church&Dwight NA GHS SDS 2015