



# Arm & Hammer™ Deep Clean Odor Unit Dose Laundry Detergent (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: 07/19/2023

Version: 1.1

## SECTION 1: IDENTIFICATION

### Product Identifier

**Product Form:** Mixture

**Product Name:** Arm & Hammer™ Deep Clean Odor Unit Dose Laundry Detergent (NA GHS 2015)

**Product Code:** 42016512

**Synonyms:** None

### Intended Use of the Product

Laundry detergent

### Name, Address, and Telephone of the Responsible Party

#### Company

Church & Dwight Co. Inc.  
500 Charles Ewing Blvd  
Ewing Township, NJ 08628  
T 1-800-524-1328

[www.churchdwight.com](http://www.churchdwight.com)

#### Company

Church and Dwight Canada Corp.  
5485 Ferrier  
Montreal, Qc, H4P 1M6

[www.churchdwight.ca](http://www.churchdwight.ca)

[www.econsumeraffairs.com/churchdwight/contactus](http://www.econsumeraffairs.com/churchdwight/contactus)

### 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: VelocityEHS (800)255-3924 (North America) +1 (813)248-0585 (International)

## 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

Acute toxicity (oral) Category 4	H302
Skin corrosion/irritation Category 2	H315
Serious eye damage/eye irritation Category 1	H318
Hazardous to the aquatic environment – Acute Hazard Category 2	H401
Hazardous to the aquatic environment – Chronic Hazard Category 3	H412

### Label Elements

#### GHS-US/CA Labeling

#### Hazard Pictograms (GHS-US/CA)



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

: Danger

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

: H302 - Harmful if swallowed.  
H315 - Causes skin irritation.  
H318 - Causes serious eye damage.  
H401 - Toxic to aquatic life.  
H412 - Harmful to aquatic life with long lasting effects.

**Precautionary Statements (GHS-US/CA)** : P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.  
P270 - Do not eat, drink or smoke when using this product.  
P273 - Avoid release to the environment.  
P280 - Wear protective gloves, protective clothing, and eye protection.

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P301+P312 - IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.  
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.  
P310 - Immediately call a POISON CENTER or doctor.  
P321 - Specific treatment (see section 4 on this SDS).  
P330 - Rinse mouth.  
P332+P313 - If skin irritation occurs: 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, territorial, provincial, 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
Benzenesulfonic acid, dodecyl-, compound with 2-aminoethanol (1:1)	(CAS-No.) 26836-07-7	15 – 40	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Irrit. 2, H319
Alcohols, C12-15, ethoxylated	(CAS-No.) 68131-39-5	10 – 30	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 Aquatic Acute 2, H401 Aquatic Chronic 3, H412
1,2-Propanediol	(CAS-No.) 57-55-6	0.03 – 0.2	Not classified
Ethanone, 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)-	(CAS-No.) 54464-57-2	0.1 – 0.2	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Acute 2, H401 Aquatic Chronic 1, H410
2-tert-Butylcyclohexyl acetate	(CAS-No.) 88-41-5	0.1 – 0.2	Flam. Liq. 4, H227 Aquatic Acute 2, H401 Aquatic Chronic 2, H411
3-Octanol, 3,7-dimethyl-	(CAS-No.) 78-69-3	0.1 – 0.2	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Aquatic Acute 3, H402 Aquatic Chronic 2, H411
4,7-Methano-1H-inden-6-ol, 3a,4,5,6,7,7a-hexahydro-, propanoate	(CAS-No.) 17511-60-3	0.1 – 0.2	Eye Irrit. 2A, H319 Aquatic Chronic 2, H411
Cyclopenta[g]-2-benzopyran, 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethyl-	(CAS-No.) 1222-05-5	0.06 – 0.1	Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Benzyl acetate	(CAS-No.) 140-11-4	0.02 – 0.06	Flam. Liq. 4, H227 Aquatic Acute 2, H401 Aquatic Chronic 3, H412
Diphenyl oxide	(CAS-No.) 101-84-8	0.02 – 0.06	Eye Irrit. 2A, H319 Aquatic Acute 1, H400 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. 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%).

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### 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. Immediately drench affected area with water for at least 15 minutes. Obtain medical attention if irritation develops or persists.

**Eye Contact:** Immediately rinse with water for at least 30 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.

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

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

**General:** Causes skin irritation. Harmful if swallowed. Causes serious eye damage.

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

**Skin Contact:** Redness, pain, swelling, itching, burning, dryness, and dermatitis.

**Eye Contact:** Causes permanent damage to the cornea, iris, or conjunctiva.

**Ingestion:** This material is harmful orally and can cause adverse health effects or death in significant amounts.

**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:** 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, Nitrogen oxides. Sodium oxides. Sulfur oxides.

**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:** Do not get in eyes, on skin, or on clothing. Do not breathe vapor, mist or spray.

#### 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 any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

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**Methods for Cleaning Up:** Clean up spills and dispose of waste safely. Absorb and/or contain spill with inert material. 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 vapors, mist, spray. Handle empty containers with care because they may still present a hazard. Do not get in eyes, on skin, or on 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), or Canadian provincial governments.

1,2-Propanediol (57-55-6)		
USA AIHA	WEEL TWA	10 mg/m <sup>3</sup>
Ontario	OEL TWA	10 mg/m <sup>3</sup> (for assessing the visibility in a work environment where 1,2-Propylene glycol aerosol is present-aerosol only) 155 mg/m <sup>3</sup> (aerosol and vapor)
Ontario	OEL TWA [ppm]	50 ppm (aerosol and vapor)
Benzyl acetate (140-11-4)		
USA ACGIH	ACGIH OEL TWA [ppm]	10 ppm
USA ACGIH	ACGIH chemical category	Not Classifiable as a Human Carcinogen
Alberta	OEL TWA	61 mg/m <sup>3</sup>
Alberta	OEL TWA [ppm]	10 ppm
British Columbia	OEL TWA [ppm]	10 ppm
Manitoba	OEL TWA [ppm]	10 ppm
New Brunswick	OEL TWA	61 mg/m <sup>3</sup>
New Brunswick	OEL TWA [ppm]	10 ppm
Newfoundland & Labrador	OEL TWA [ppm]	10 ppm
Nova Scotia	OEL TWA [ppm]	10 ppm
Nunavut	OEL STEL [ppm]	20 ppm
Nunavut	OEL TWA [ppm]	10 ppm
Northwest Territories	OEL STEL [ppm]	20 ppm
Northwest Territories	OEL TWA [ppm]	10 ppm
Ontario	OEL TWA [ppm]	10 ppm
Prince Edward Island	OEL TWA [ppm]	10 ppm
Québec	VEMP (OEL TWA) [ppm]	10 ppm
Saskatchewan	OEL STEL [ppm]	20 ppm
Saskatchewan	OEL TWA [ppm]	10 ppm
Diphenyl oxide (101-84-8)		
USA ACGIH	ACGIH OEL TWA [ppm]	1 ppm (vapor)

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USA ACGIH	ACGIH OEL STEL [ppm]	2 ppm (vapor fraction)
USA OSHA	OSHA PEL (TWA) [1]	7 mg/m <sup>3</sup> (vapor)
USA OSHA	OSHA PEL (TWA) [2]	1 ppm (vapor)
USA NIOSH	NIOSH REL (TWA)	7 mg/m <sup>3</sup> (vapor)
USA NIOSH	NIOSH REL TWA [ppm]	1 ppm (vapor)
USA IDLH	IDLH [ppm]	100 ppm (vapor)
Alberta	OEL STEL	14 mg/m <sup>3</sup> (vapour)
Alberta	OEL STEL [ppm]	2 ppm (vapour)
Alberta	OEL TWA	7 mg/m <sup>3</sup> (vapour)
Alberta	OEL TWA [ppm]	1 ppm (vapour)
British Columbia	OEL STEL [ppm]	2 ppm (vapour)
British Columbia	OEL TWA [ppm]	1 ppm (vapour)
Manitoba	OEL STEL [ppm]	2 ppm (vapor fraction)
Manitoba	OEL TWA [ppm]	1 ppm (vapor)
New Brunswick	OEL STEL	14 mg/m <sup>3</sup> (vapor)
New Brunswick	OEL STEL [ppm]	2 ppm (vapor)
New Brunswick	OEL TWA	7 mg/m <sup>3</sup> (vapor)
New Brunswick	OEL TWA [ppm]	1 ppm (vapor)
Newfoundland & Labrador	OEL STEL [ppm]	2 ppm (vapor fraction)
Newfoundland & Labrador	OEL TWA [ppm]	1 ppm (vapor)
Nova Scotia	OEL STEL [ppm]	2 ppm (vapor fraction)
Nova Scotia	OEL TWA [ppm]	1 ppm (vapor)
Nunavut	OEL STEL [ppm]	2 ppm (vapour)
Nunavut	OEL TWA [ppm]	1 ppm (vapour)
Northwest Territories	OEL STEL [ppm]	2 ppm (vapour)
Northwest Territories	OEL TWA [ppm]	1 ppm (vapour)
Ontario	OEL STEL [ppm]	2 ppm (vapor)
Ontario	OEL TWA [ppm]	1 ppm (vapor)
Prince Edward Island	OEL STEL [ppm]	2 ppm (vapor fraction)
Prince Edward Island	OEL TWA [ppm]	1 ppm (vapor)
Québec	VECD (OEL STEL)	14 mg/m <sup>3</sup> (vapour)
Québec	VECD (OEL STEL) [ppm]	2 ppm (vapour)
Québec	VEMP (OEL TWA)	7 mg/m <sup>3</sup> (vapour)
Québec	VEMP (OEL TWA) [ppm]	1 ppm (vapour)
Saskatchewan	OEL STEL [ppm]	2 ppm (vapour)
Saskatchewan	OEL TWA [ppm]	1 ppm (vapour)
Yukon	OEL STEL	14 mg/m <sup>3</sup> (vapour)
Yukon	OEL STEL [ppm]	2 ppm (vapour)
Yukon	OEL TWA	7 mg/m <sup>3</sup> (vapour)
Yukon	OEL TWA [ppm]	1 ppm (vapour)

## Exposure Controls

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

**Personal Protective Equipment:** For occupational/workplace settings: 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.

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

**Skin and Body Protection:** For occupational/workplace settings: Wear suitable protective clothing.

**Respiratory Protection:** For occupational/workplace settings: 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	: Liquid
Appearance	: Blue/Green/Dark Blue
Odor	: Detergent fragrance
Odor Threshold	: No data available
pH	: 8 – 9
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	: Not applicable
Lower Flammable Limit	: No data available
Upper Flammable Limit	: No data available
Vapor Pressure	: No data available
Relative Vapor Density at 20°C	: No data available
Relative Density	: 0.8 – 1.2 (water =1)
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:

Thermal decomposition may produce: Carbon oxides, Nitrogen oxides. Sodium oxides. Sulfur oxides.

## SECTION 11: TOXICOLOGICAL INFORMATION

### Information on Toxicological Effects - Product

**Acute Toxicity (Oral):** Harmful if swallowed.

**Acute Toxicity (Dermal):** Not classified

**Acute Toxicity (Inhalation):** Not classified

### LD50 and LC50 Data:

**Arm & Hammer™ Deep Clean Odor Unit Dose Laundry Detergent (NA GHS 2015)**

<b>ATE US/CA (oral)</b>	1,249.58 mg/kg body weight
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**Skin Corrosion/Irritation:** Causes skin irritation.

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pH: 8 – 9

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

pH: 8 – 9

**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:** Redness, pain, swelling, itching, burning, dryness, and dermatitis.

**Symptoms/Injuries After Eye Contact:** Causes permanent damage to the cornea, iris, or conjunctiva.

**Symptoms/Injuries After Ingestion:** This material is harmful orally and can cause adverse health effects or death in significant amounts.

**Chronic Symptoms:** None known.

## Information on Toxicological Effects - Ingredient(s)

### LD50 and LC50 Data:

<b>Benzenesulfonic acid, dodecyl-, compound with 2-aminoethanol (1:1) (26836-07-7)</b>	
ATE US/CA (oral)	500.00 mg/kg body weight
<b>1,2-Propanediol (57-55-6)</b>	
LD50 Oral Rat	20 g/kg
LD50 Dermal Rabbit	20800 mg/kg
<b>2-tert-Butylcyclohexyl acetate (88-41-5)</b>	
LD50 Oral Rat	4600 mg/kg
LD50 Dermal Rabbit	> 5000 mg/kg
<b>3-Octanol, 3,7-dimethyl- (78-69-3)</b>	
LD50 Oral Rat	> 5 g/kg
LD50 Dermal Rabbit	> 5000 mg/kg
<b>4,7-Methano-1H-inden-6-ol, 3a,4,5,6,7,7a-hexahydro-, propanoate (17511-60-3)</b>	
LD50 Oral Rat	> 5 g/kg
<b>Cyclopenta[g]-2-benzopyran, 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethyl- (1222-05-5)</b>	
LD50 Oral Rat	> 3250 mg/kg
LD50 Dermal Rabbit	> 3250 mg/kg
<b>Benzyl acetate (140-11-4)</b>	
LD50 Oral Rat	2490 mg/kg
LD50 Dermal Rabbit	> 5000 mg/kg
<b>Diphenyl oxide (101-84-8)</b>	
LD50 Oral Rat	2450 mg/kg
LD50 Dermal Rabbit	> 7940 mg/kg
<b>Alcohols, C12-15, ethoxylated (68131-39-5)</b>	
LD50 Oral Rat	1600 – 2700 mg/kg
LD50 Dermal Rat	5000 mg/kg
<b>Benzyl acetate (140-11-4)</b>	
IARC Group	3

## SECTION 12: ECOLOGICAL INFORMATION

### Toxicity

**Ecology - General:** Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

<b>1,2-Propanediol (57-55-6)</b>	
LC50 Fish 1	51600 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])

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EC50 - Crustacea [1]	10000 mg/l (Exposure time: 24 h - Species: Daphnia magna)
LC50 Fish 2	41 – 47 ml/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
EC50 - Crustacea [2]	1000 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
NOEC Chronic Crustacea	1000 mg/l
NOEC Chronic Algae	1000 mg/l
<b>Ethanone, 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)- (54464-57-2)</b>	
LC50 Fish 1	1.3 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [Semi-static])
EC50 - Crustacea [1]	1.38 mg/l (Exposure time: 48 h - Species: Daphnia magna [Semi-static])
ErC50 algae	2.6 mg/l (Exposure time: 72 h - Species: Scenedesmus subspicatus [Static])
<b>3-Octanol, 3,7-dimethyl- (78-69-3)</b>	
LC50 Fish 1	8.9 mg/l (Exposure time: 96 h - Species: Danio rerio [semi-static])
ErC50 algae	15.1 mg/l
<b>Cyclopenta[g]-2-benzopyran, 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethyl- (1222-05-5)</b>	
LC50 Fish 1	1.36 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [Flow-through])
EC50 - Crustacea [1]	0.47 mg/l
LC50 Fish 2	0.95 mg/l (Species: Oryzias latipes)
NOEC Chronic Fish	0.093 mg/l (Species: Lepomis macrochirus [Flow-through])
NOEC Chronic Crustacea	0.0375 mg/l (Species: Acartia tonsa [static])
<b>Benzyl acetate (140-11-4)</b>	
LC50 Fish 1	4 mg/l
NOEC Chronic Fish	0.92 mg/l
<b>Diphenyl oxide (101-84-8)</b>	
LC50 Fish 1	4 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
LC50 Fish 2	4 – 7.9 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
ErC50 algae	0.58 mg/l
NOEC Chronic Algae	0.32 mg/l
<b>Alcohols, C12-15, ethoxylated (68131-39-5)</b>	
LC50 Fish 1	> 1 mg/l
NOEC Chronic Fish	> 0.1

## Persistence and Degradability

<b>Arm &amp; Hammer™ Deep Clean Odor Unit Dose Laundry Detergent (NA GHS 2015)</b>	
Persistence and Degradability	May cause long-term adverse effects in the environment.

## Bioaccumulative Potential

<b>Arm &amp; Hammer™ Deep Clean Odor Unit Dose Laundry Detergent (NA GHS 2015)</b>	
Bioaccumulative Potential	Not established.
<b>1,2-Propanediol (57-55-6)</b>	
BCF Fish 1	(1)
Log POW	-0.92
<b>3-Octanol, 3,7-dimethyl- (78-69-3)</b>	
Log POW	3.3 (at 20 °C / 68 °F)
<b>Cyclopenta[g]-2-benzopyran, 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethyl- (1222-05-5)</b>	
BCF Fish 1	(1618 (whole body w.w.))
Log POW	5.3 at 25 °C / 77 °F (at pH 7)
<b>Benzyl acetate (140-11-4)</b>	
Log POW	1.96 at 25 °C / 77 °F (at pH 7)
<b>Diphenyl oxide (101-84-8)</b>	
BCF Fish 1	(470)
Log POW	4.21 (at 25 °C / 77 °F)

## Mobility in Soil

No additional information available



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### 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™ Deep Clean Odor Unit Dose Laundry Detergent (NA GHS 2015)	
SARA Section 311/312 Hazard Classes	Health hazard - Skin corrosion or Irritation Health hazard - Acute toxicity (any route of exposure) Health hazard - Serious eye damage or eye irritation
Benzenesulfonic acid, dodecyl-, compound with 2-aminoethanol (1:1) (26836-07-7)	
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 IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on KECL/KECI (Korean Existing Chemicals Inventory) Listed on the TCSI (Taiwan Chemical Substance Inventory) Listed on the NCI (Vietnam - National Chemical Inventory)	
1,2-Propanediol (57-55-6)	
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 Chemical Inventory)	
Ethanone, 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)- (54464-57-2)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active	

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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 INSQ (Mexican National Inventory of Chemical Substances)  
Listed on the TCSI (Taiwan Chemical Substance Inventory)  
Listed on the NCI (Vietnam - National Chemical Inventory)

### **2-tert-Butylcyclohexyl acetate (88-41-5)**

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 Chemical Inventory)

### **3-Octanol, 3,7-dimethyl- (78-69-3)**

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 Chemical Inventory)

### **4,7-Methano-1H-inden-6-ol, 3a,4,5,6,7,7a-hexahydro-, propanoate (17511-60-3)**

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 Chemical Inventory)

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### Cyclopenta[g]-2-benzopyran, 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethyl- (1222-05-5)

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 Chemical Inventory)

### Benzyl acetate (140-11-4)

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 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 Chemical Inventory)

### Diphenyl oxide (101-84-8)

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 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 Chemical Inventory)

### Alcohols, C12-15, ethoxylated (68131-39-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active  
Listed on the Canadian DSL (Domestic Substances List)  
Listed on the EU NLP (No Longer Polymers) inventory  
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)

# Arm & Hammer™ Deep Clean Odor Unit Dose Laundry Detergent (NA GHS 2015)

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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 Chemical Inventory)	
<b>EPA TSCA Regulatory Flag</b>	XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).

### US State Regulations

<b>1,2-Propanediol (57-55-6)</b>
U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List
<b>Benzyl acetate (140-11-4)</b>
U.S. - New Jersey - Right to Know Hazardous Substance List
<b>Diphenyl oxide (101-84-8)</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

### Canadian Regulations

<b>Benzenesulfonic acid, dodecyl-, compound with 2-aminoethanol (1:1) (26836-07-7)</b>
Listed on the Canadian DSL (Domestic Substances List)
<b>1,2-Propanediol (57-55-6)</b>
Listed on the Canadian DSL (Domestic Substances List)
<b>Ethanone, 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8-tetramethyl-2-naphthalenyl)- (54464-57-2)</b>
Listed on the Canadian DSL (Domestic Substances List)
<b>2-tert-Butylcyclohexyl acetate (88-41-5)</b>
Listed on the Canadian DSL (Domestic Substances List)
<b>3-Octanol, 3,7-dimethyl- (78-69-3)</b>
Listed on the Canadian DSL (Domestic Substances List)
<b>4,7-Methano-1H-inden-6-ol, 3a,4,5,6,7,7a-hexahydro-, propanoate (17511-60-3)</b>
Listed on the Canadian DSL (Domestic Substances List)
<b>Cyclopenta[g]-2-benzopyran, 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethyl- (1222-05-5)</b>
Listed on the Canadian DSL (Domestic Substances List)
<b>Benzyl acetate (140-11-4)</b>
Listed on the Canadian DSL (Domestic Substances List)
<b>Diphenyl oxide (101-84-8)</b>
Listed on the Canadian DSL (Domestic Substances List)
<b>Alcohols, C12-15, ethoxylated (68131-39-5)</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>	: 07/19/2023
<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.

# Arm & Hammer™ Deep Clean Odor Unit Dose Laundry Detergent (NA GHS 2015)

## Safety Data Sheet

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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:

H227	Combustible liquid
H302	Harmful if swallowed
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye 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
H411	Toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*

Church&Dwight NA GHS SDS 2015