



# Arm & Hammer™ plus OxiClean™ Liquid 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).

Revision Date: 2/11/2025

Date of Issue: 1/12/2015

Supersedes Date: 5/2/2024

Version: 7.0

## SECTION 1: IDENTIFICATION

### Product Identifier

**Product Form:** Mixture

**Product Name:** Arm & Hammer™ plus OxiClean™ Liquid Laundry Detergent (NA GHS 2015)

**Product Code:** 42015531, 42017294, 42017047, 42015532, 42017295, 42017049, 42015533, 42017296, 42017050, 42016063, 42017297, 42017051

**Synonyms:** ARM & HAMMER™ Liquid Laundry Detergent plus OxiClean™ Fresh Scent, ARM & HAMMER™ Liquid Laundry Detergent plus OxiClean™ Clean Meadow, ARM & HAMMER™ Liquid Laundry Detergent plus OxiClean™ Odor Blasters Fresh Burst, ARM & HAMMER™ Plus OxiClean™ Odor Blasters Fresh Botanicals

### 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

### Classification of the Substance or Mixture

#### **GHS-US/CA Classification**

Skin corrosion/irritation Category 2	H315
Serious eye damage/eye irritation Category 1	H318
Skin sensitization, Category 1	H317
Reproductive toxicity Category 1B	H360
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)**

: H315 - Causes skin irritation.  
H317 - May cause an allergic skin reaction.  
H318 - Causes serious eye damage.  
H360 - May damage fertility or the unborn child.  
H401 - Toxic to aquatic life.  
H412 - Harmful to aquatic life with long lasting effects.

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

: P201 - Obtain special instructions before use.  
P202 - Do not handle until all safety precautions have been read and understood.  
P261 - Avoid breathing vapors, mist, or spray.

# Arm & Hammer™ plus OxiClean™ Liquid 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).

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.  
P308+P313 - If exposed or concerned: Get medical advice/attention.  
P310 - Immediately call a POISON CENTER or doctor.  
P321 - Specific treatment (see section 4 on this SDS).  
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.  
P362+P364 - Take off contaminated clothing and wash it before reuse.  
P405 - Store locked up.  
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
Alcohols, C12-15, ethoxylated	(CAS-No.) 68131-39-5	< 6.39	Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Acute 2, H401 Aquatic Chronic 3, H412
Alcohols, C10-16, ethoxylated	(CAS-No.) 68002-97-1	≤ 6.15	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
Alcohols, C12-16, ethoxylated	(CAS-No.) 68551-12-2	≤ 6.15	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Aquatic Acute 2, H401 Aquatic Chronic 3, H412
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C10-16-alkyl ethers, sodium salts	(CAS-No.) 68585-34-2	5.4 - 6	Skin Irrit. 2, H315 Eye Dam. 1, H318
1,2-Propanediol	(CAS-No.) 57-55-6	1 - 5	Not classified.
Disodium tetraborate pentahydrate	(CAS-No.) 12179-04-3	0.5 – 1.5	Eye Irrit. 2A, H319 Repr. 1B, H360
Benzenesulfonic acid, mono-C10-16-alkyl derivatives, sodium salts	(CAS-No.) 68081-81-2	< 0.9	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335 Aquatic Acute 2, H401 Aquatic Chronic 3, H412
Benzenepropanal, 4-(1,1-dimethylethyl)-.alpha.-methyl-	(CAS-No.) 80-54-6	0.05 -0.1	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Repr. 2, H361 Aquatic Acute 2, H401 Aquatic Chronic 2, H411

# Arm & Hammer™ plus OxiClean™ Liquid 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).

Benzyl acetate	(CAS-No.) 140-11-4	< 0.055	Flam. Liq. 4, H227 Aquatic Acute 2, H401 Aquatic Chronic 3, H412
D-Limonene	(CAS-No.) 5989-27-5	≤ 0.01	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
3(2H)-Isothiazolone, 2-methyl-	(CAS-No.) 2682-20-4	0.004 – 0.005	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 2 (Inhalation:dust,mist), H330 Skin Corr. 1B, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 STOT SE 3, H335 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
1,2-Benzisothiazol-3(2H)-one	(CAS-No.) 2634-33-5	0.004 – 0.005	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 Comb. Dust
.beta.-Pinene	(CAS-No.) 127-91-3	< 0.005	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

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:** Immediately drench affected area with water for at least 15 minutes. 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 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:** Skin sensitization. Causes skin irritation. Causes serious eye damage. May damage fertility. May damage the unborn child.

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

**Skin Contact:** May cause an allergic skin reaction. Redness, pain, swelling, itching, burning, dryness, and dermatitis.

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

**Ingestion:** Ingestion may cause adverse effects.

# Arm & Hammer™ plus OxiClean™ Liquid Laundry Detergent(NA GHS 2015)

## Safety Data Sheet

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**Chronic Symptoms:** Repeated and prolonged exposure may cause an allergic skin reaction. May damage fertility. May damage the unborn child.

### **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>). Sulfur oxides. Sodium 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:** 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 any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

**Methods for Cleaning Up:** Wipe up spills with disposable towels. Transfer spilled material to a suitable container for disposal.

Contact competent authorities after a spill. Clean up spills immediately and dispose of waste safely. Absorb and/or contain spill with inert material.

### **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. 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

# Arm & Hammer™ plus OxiClean™ Liquid 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).

### 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>1,2-Propanediol (57-55-6)</b>		
<b>USA AIHA</b>	WEEL TWA	10 mg/m <sup>3</sup>
<b>Ontario</b>	OEL TWAEV	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)
<b>Ontario</b>	OEL TWAEV	50 ppm (aerosol and vapor)
<b>D-Limonene (5989-27-5)</b>		
<b>USA AIHA</b>	WEEL TWA	30 ppm
<b>Benzyl acetate (140-11-4)</b>		
<b>USA ACGIH</b>	ACGIH OEL TWA	10 ppm
<b>USA ACGIH</b>	ACGIH chemical category	Not Classifiable as a Human Carcinogen
<b>Alberta</b>	OEL TWA	61 mg/m <sup>3</sup>
<b>Alberta</b>	OEL TWA	10 ppm
<b>British Columbia</b>	OEL TWA	10 ppm
<b>Manitoba</b>	OEL TWA	10 ppm
<b>New Brunswick</b>	OEL TWA	10 ppm
<b>Newfoundland &amp; Labrador</b>	OEL TWA	10 ppm
<b>Nova Scotia</b>	OEL TWA	10 ppm
<b>Nunavut</b>	OEL STEL	20 ppm
<b>Nunavut</b>	OEL TWA	10 ppm
<b>Northwest Territories</b>	OEL STEL	20 ppm
<b>Northwest Territories</b>	OEL TWA	10 ppm
<b>Ontario</b>	OEL TWAEV	10 ppm
<b>Prince Edward Island</b>	OEL TWA	10 ppm
<b>Québec</b>	VEMP (OEL TWAEV)	10 ppm
<b>Saskatchewan</b>	OEL STEL	20 ppm
<b>Saskatchewan</b>	OEL TWA	10 ppm
<b>Disodium tetraborate pentahydrate (12179-04-3)</b>		
<b>USA ACGIH</b>	ACGIH OEL TWA	2 mg/m <sup>3</sup> (inhalable particulate matter (Borate compounds, inorganic))
<b>USA ACGIH</b>	ACGIH OEL STEL	6 mg/m <sup>3</sup> (inhalable particulate matter (Borate compounds, inorganic))
<b>USA ACGIH</b>	ACGIH chemical category	Not Classifiable as a Human Carcinogen
<b>USA NIOSH</b>	NIOSH REL (TWA)	1 mg/m <sup>3</sup>
<b>Alberta</b>	OEL STEL	3 ppm (Borates, tetra, sodium salts)
<b>Alberta</b>	OEL TWA	1 mg/m <sup>3</sup> (Borates, tetra, sodium salts)
<b>British Columbia</b>	OEL STEL	6 mg/m <sup>3</sup> (inhalable (Borate compounds, inorganic))
<b>British Columbia</b>	OEL TWA	2 mg/m <sup>3</sup> (inhalable (Borate compounds, inorganic))
<b>Manitoba</b>	OEL STEL	6 mg/m <sup>3</sup> (inhalable particulate matter (Borate compounds, inorganic))
<b>Manitoba</b>	OEL TWA	2 mg/m <sup>3</sup> (inhalable particulate matter (Borate compounds, inorganic))
<b>New Brunswick</b>	OEL STEL	6 mg/m <sup>3</sup> (inhalable fraction (Borate compounds, inorganic))
<b>New Brunswick</b>	OEL TWA	2 mg/m <sup>3</sup> (inhalable fraction (Borate compounds, inorganic))
<b>Newfoundland &amp; Labrador</b>	OEL STEL	6 mg/m <sup>3</sup> (inhalable particulate matter (Borate compounds,

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## Safety Data Sheet

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		inorganic)
Newfoundland & Labrador	OEL TWA	2 mg/m <sup>3</sup> (inhalable particulate matter (Borate compounds, inorganic)
Nova Scotia	OEL STEL	6 mg/m <sup>3</sup> (inhalable particulate matter (Borate compounds, inorganic)
Nova Scotia	OEL TWA	2 mg/m <sup>3</sup> (inhalable particulate matter (Borate compounds, inorganic)
Nunavut	OEL STEL	6 mg/m <sup>3</sup> (inhalable fraction (Borate compounds, inorganic)
Nunavut	OEL TWA	2 mg/m <sup>3</sup> (inhalable fraction (Borate compounds, inorganic)
Northwest Territories	OEL STEL	6 mg/m <sup>3</sup> (inhalable fraction (Borate compounds, inorganic)
Northwest Territories	OEL TWA	2 mg/m <sup>3</sup> (inhalable fraction (Borate compounds, inorganic)
Ontario	OEL TWAEV	6 mg/m <sup>3</sup> (inhalable particulate matter (Borate compounds, inorganic)
Ontario	OEL TWAEV	2 mg/m <sup>3</sup> (inhalable particulate matter (Borate compounds, inorganic)
Prince Edward Island	OEL STEL	6 mg/m <sup>3</sup> (inhalable particulate matter (Borate compounds, inorganic)
Prince Edward Island	OEL TWA	2 mg/m <sup>3</sup> (inhalable particulate matter (Borate compounds, inorganic)
Québec	VECD (OEL STEV)	6 mg/m <sup>3</sup> (inhalable dust (Borate, inorganic compounds)
Québec	VEMP (OEL TWAEV)	2 mg/m <sup>3</sup> (inhalable dust (Borate, inorganic compounds)
Saskatchewan	OEL STEL	6 mg/m <sup>3</sup> (inhalable fraction (Borate compounds, inorganic)
Saskatchewan	OEL TWA	2 mg/m <sup>3</sup> (inhalable fraction (Borate compounds, inorganic)
<b>.beta.-Pinene (127-91-3)</b>		
USA ACGIH	ACGIH OEL TWA	20 ppm (Turpentine and selected Monoterpenes)
USA ACGIH	ACGIH chemical category	Not Classifiable as a Human Carcinogen,dermal sensitizer
Alberta	OEL TWA	111 mg/m <sup>3</sup> (Turpentine and selected monoterpenes)
Alberta	OEL TWA	20 ppm (Turpentine and selected monoterpenes)
British Columbia	OEL TWA	20 ppm (Turpentine and selected monoterpenes)
Manitoba	OEL TWA	20 ppm (Turpentine and selected monoterpenes)
New Brunswick	OEL TWA	20 ppm (Turpentine and selected monoterpenes)
Newfoundland & Labrador	OEL TWA	20 ppm (Turpentine and selected monoterpenes)
Nova Scotia	OEL TWA	20 ppm (Turpentine and selected monoterpenes)
Nunavut	OEL STEL	30 ppm (Turpentine and selected monoterpenes)
Nunavut	OEL TWA	20 ppm (Turpentine and selected monoterpenes)
Northwest Territories	OEL STEL	30 ppm (Turpentine and selected monoterpenes)
Northwest Territories	OEL TWA	20 ppm (Turpentine and selected monoterpenes)
Ontario	OEL TWAEV	20 ppm (Turpentine and selected monomers)
Prince Edward Island	OEL TWA	20 ppm (Turpentine and selected monoterpenes)
Québec	VEMP (OEL TWAEV)	112 mg/m <sup>3</sup> (Turpentine and certain monoterpenes)
Québec	VEMP (OEL TWAEV)	20 ppm (Turpentine and certain monoterpenes)
Saskatchewan	OEL STEL	30 ppm (Turpentine and selected monoterpenes)
Saskatchewan	OEL TWA	20 ppm (Turpentine and selected monoterpenes)

### Exposure Controls

**Appropriate Engineering Controls:** Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. 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.

# Arm & Hammer™ plus OxiClean™ Liquid 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).

**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	: Liquid
Appearance	: Blue
Odor	: Characteristic
Odor Threshold	: No data available
pH	: 7.5 – 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	: 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	: No data available
Density	: 1.02 – 1.04 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
Viscosity, Dynamic	: 250 – 1000 cP

## 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.

# Arm & Hammer™ plus OxiClean™ Liquid 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).

### 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:** Causes skin irritation.

**pH:** 7.5 – 8.5

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

**pH:** 7.5 – 8.5

**Respiratory or Skin Sensitization:** May cause an allergic skin reaction. (2-methyl-2H-isothiazol-3-one (CAS 2682-20-4) has been shown to elicit allergic reactions in concentrations as low as 0.0015%.)

**Germ Cell Mutagenicity:** Not classified.

**Carcinogenicity:** Not classified.

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

**Reproductive Toxicity:** May damage fertility or the unborn child.

**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. 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:** Ingestion may cause adverse effects.

**Chronic Symptoms:** Repeated and prolonged exposure may cause an allergic skin reaction. May damage fertility. May damage the unborn child.

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

##### LD50 and LC50 Data:

Benzenepropanal, 4-(1,1-dimethylethyl)-.alpha.-methyl- (80-54-6)	
LD50 Oral Rat	1390 mg/kg
LD50 Dermal Rabbit	> 5000 mg/kg
LC50 Inhalation Rat	> 1802 mg/m <sup>3</sup> (Exposure time: 4 h)
1,2-Benzisothiazol-3(2H)-one (2634-33-5)	
LD50 Oral Rat	1020 mg/kg (Source: NZ_CCID)
LD50 Dermal Rat	> 2000 mg/kg (Source: ECHA_API)
3(2H)-Isothiazolone, 2-methyl- (2682-20-4)	
LD50 Oral Rat	120 mg/kg (Source: EU_CLH)
LD50 Dermal Rabbit	242 mg/kg
LC50 Inhalation Rat	0.11 mg/l/4h
ATE US/CA (dermal)	242.00 mg/kg body weight
ATE US/CA (vapors)	0.11 mg/l/4h
ATE US/CA (dust, mist)	0.11 mg/l/4h
Alcohols, C10-16, ethoxylated (68002-97-1)	
ATE US/CA (oral)	500.00 mg/kg body weight
Benzenesulfonic acid, C10-16-alkyl derivatives (68584-22-5)	
LD50 Oral Rat	775 mg/kg (Source: CHEMVIEW)
LD50 Dermal Rat	> 2000 mg/kg
LD50 Dermal Rabbit	2000 mg/kg (Source: CHEMVIEW)
LC50 Inhalation Rat	> 1.9 mg/l/4h (No deaths)
Alcohols, C12-15, ethoxylated (68131-39-5)	
LD50 Oral Rat	> 2000 mg/kg



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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 Dermal Rabbit	> 2000 mg/kg
<b>1,2-Propanediol (57-55-6)</b>	
LD50 Oral Rat	20 g/kg (Source: NLM_CIP)
LD50 Dermal Rabbit	20800 mg/kg (Source: NLM_CIP)
ATE US/CA (oral)	20,000.00 mg/kg body weight
ATE US/CA (dermal)	20,800.00 mg/kg body weight
<b>D-Limonene (5989-27-5)</b>	
LD50 Oral Rat	4400 mg/kg (Source: CHEMVIEW)
LD50 Dermal Rabbit	> 5 g/kg (Source: CHEMVIEW)
<b>Benzyl acetate (140-11-4)</b>	
LD50 Oral Rat	2490 mg/kg (Source: JAPAN_GHS)
LD50 Dermal Rabbit	> 5000 mg/kg (Source: JAPAN_GHS)
<b>Disodium tetraborate pentahydrate (12179-04-3)</b>	
LD50 Oral Rat	2403 mg/kg (Source: NZ_CCID)
<b>.beta.-Pinene (127-91-3)</b>	
LD50 Oral Rat	> 5000 mg/kg (Source: EPA_HPVP)
LD50 Dermal Rabbit	> 5000 mg/kg (Source: CHEMVIEW)
<b>Benzenesulfonic acid, mono-C10-16-alkyl derivatives, sodium salts (68081-81-2)</b>	
ATE US/CA (oral)	1,080.00 mg/kg body weight
<b>D-Limonene (5989-27-5)</b>	
IARC Group	3
National Toxicology Program (NTP) Status	Evidence of Carcinogenicity.
<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>Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C10-16-alkyl ethers, sodium salts (68585-34-2)</b>	
EC50 - Crustacea [1]	3.43 g/l (Exposure 48 Hr: Species - Ceriodaphnia dubia (Water flea))
<b>1,2-Benzisothiazol-3(2H)-one (2634-33-5)</b>	
EC50 - Crustacea [1]	0.99 mg/l
<b>Alcohols, C10-16, ethoxylated (68002-97-1)</b>	
LC50 Fish 1	> 1 mg/l
EC50 - Crustacea [1]	0.238 mg/l
ErC50 algae	0.254 mg/l
NOEC Chronic Fish	> 0.1 mg/l
NOEC Chronic Algae	0.077 mg/l
<b>Benzenesulfonic acid, C10-16-alkyl derivatives (68584-22-5)</b>	
LC50 Fish 1	3 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static] Source: IUCLID)
EC50 - Crustacea [1]	2.9 mg/l (Exposure time: 48 h - Species: Daphnia magna)
ErC50 algae	170 mg/l (Exposure time: 96h - Species: Selenastrum capricornutum)
<b>Alcohols, C12-15, ethoxylated (68131-39-5)</b>	
LC50 Fish 1	> 1 – 10 mg/l
EC50 - Crustacea [1]	> 1 – 10 mg/l
ErC50 algae	> 1 – 100 mg/l
NOEC Chronic Fish	> 0.1 mg/l
NOEC Chronic Crustacea	> 0.1 mg/l
NOEC Chronic Algae	> 100 mg/l
<b>Benzenepropanal, 4-(1,1-dimethylethyl)-.alpha.-methyl- (80-54-6)</b>	
EC50 - Crustacea [1]	10.7 mg/l (Exposure time: 48 h - Species: Daphnia magna)

# Arm & Hammer™ plus OxiClean™ Liquid 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).

LC50 Fish 1	2.04 mg/l
<b>1,2-Propanediol (57-55-6)</b>	
LC50 Fish 1	51600 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static] Source: IUCLID)
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] Source: EPA)
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>D-Limonene (5989-27-5)</b>	
LC50 Fish 1	0.619 (0.619 – 0.796) mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 - Crustacea [1]	0.421 mg/l
LC50 Fish 2	35 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss Source: EPA)
<b>Benzyl acetate (140-11-4)</b>	
LC50 Fish 1	4 mg/l
NOEC Chronic Fish	0.92 mg/l
<b>.beta.-Pinene (127-91-3)</b>	
LC50 Fish 1	0.5 mg/l
<b>Alcohols, C12-16, ethoxylated (68551-12-2)</b>	
LC50 Fish 1	> 1 mg/l
NOEC Chronic Fish	> 0.1

## Persistence and Degradability

<b>Arm &amp; Hammer™ plus OxiClean™ Liquid Laundry Detergent(NA GHS 2015)</b>	
Persistence and Degradability	May cause long-term adverse effects in the environment.

## Bioaccumulative Potential

<b>Arm &amp; Hammer™ plus OxiClean™ Liquid Laundry Detergent(NA GHS 2015)</b>	
Bioaccumulative Potential	Not established.
<b>1,2-Benzisothiazol-3(2H)-one (2634-33-5)</b>	
Log POW	0.99 (at 20 °C (at pH 5))
<b>3(2H)-Isothiazolone, 2-methyl- (2682-20-4)</b>	
Log POW	-0.26 (at 20 °C (at pH 5))
<b>Benzenesulfonic acid, C10-16-alkyl derivatives (68584-22-5)</b>	
BCF Fish 1	260 mg/l
Log POW	2 (at 23 °C)
<b>1,2-Propanediol (57-55-6)</b>	
BCF Fish 1	(1 dimensionless)
Log POW	-0.92
<b>D-Limonene (5989-27-5)</b>	
Log POW	4.38 (at 37 °C (at pH 7.2))
<b>Benzyl acetate (140-11-4)</b>	
Log POW	1.96 (at 25 °C (at pH 7))
<b>Benzenepropanal, 4-(1,1-dimethylethyl)-.alpha.-methyl- (80-54-6)</b>	
Log POW	4.2 (at 24 °C)

## 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.

# Arm & Hammer™ plus OxiClean™ Liquid 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).

**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™ plus OxiClean™ Liquid Laundry Detergent(NA GHS 2015)	
SARA Section 311/312 Hazard Classes	Health hazard - Respiratory or skin sensitization Health hazard - Skin corrosion or Irritation Health hazard - Reproductive toxicity Health hazard - Serious eye damage or eye irritation
Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C10-16-alkyl ethers, sodium salts (68585-34-2)	
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) 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 the TCSI (Taiwan Chemical Substance Inventory) Listed on the NCI (Vietnam - National Chemical Inventory) Listed on Thailand Existing Chemicals Inventory (DIW)	
EPA TSCA Regulatory Flag	XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).
1,2-Benzisothiazol-3(2H)-one (2634-33-5)	
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) Listed on Thailand Existing Chemicals Inventory (DIW)	

# Arm & Hammer™ plus OxiClean™ Liquid 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).

<b>3(2H)-Isothiazolone, 2-methyl- (2682-20-4)</b>	
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) Listed on Thailand Existing Chemicals Inventory (DIW)	
<b>EPA TSCA Regulatory Flag</b>	PMN - PMN - indicates a commenced PMN substance. SP - SP - indicates a substance that is identified in a proposed Significant New Uses Rule.
<b>Alcohols, C10-16, ethoxylated (68002-97-1)</b>	
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) 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 the TCSI (Taiwan Chemical Substance Inventory) Listed on the NCI (Vietnam - National Chemical Inventory) Listed on Thailand Existing Chemicals Inventory (DIW)	
<b>EPA TSCA Regulatory Flag</b>	XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).
<b>Benzenesulfonic acid, C10-16-alkyl derivatives (68584-22-5)</b>	
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 the TCSI (Taiwan Chemical Substance Inventory) Listed on the NCI (Vietnam - National Chemical Inventory) Listed on Thailand Existing Chemicals Inventory (DIW)	
<b>Alcohols, C12-15, ethoxylated (68131-39-5)</b>	
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	

# Arm & Hammer™ plus OxiClean™ Liquid 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).

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)  
Listed on Thailand Existing Chemicals Inventory (DIW)

### EPA TSCA Regulatory Flag

XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).

### 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)  
Listed on Thailand Existing Chemicals Inventory (DIW)

### D-Limonene (5989-27-5)

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 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)

### 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)

# Arm & Hammer™ plus OxiClean™ Liquid Laundry Detergent(NA GHS 2015)

## Safety Data Sheet

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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)  
Listed on Thailand Existing Chemicals Inventory (DIW)

### **Disodium tetraborate pentahydrate (12179-04-3)**

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Listed on the Japanese ENCS (Existing & New Chemical Substances) 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 the TCSI (Taiwan Chemical Substance Inventory)  
Listed on the NCI (Vietnam - National Chemical Inventory)  
Listed on Thailand Existing Chemicals Inventory (DIW)

### **.beta.-Pinene (127-91-3)**

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 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)  
Listed on Thailand Existing Chemicals Inventory (DIW)

### **Alcohols, C12-16, ethoxylated (68551-12-2)**

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)  
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)  
Listed on Thailand Existing Chemicals Inventory (DIW)

### **EPA TSCA Regulatory Flag**

XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).

### **Benzenesulfonic acid, mono-C10-16-alkyl derivatives, sodium salts (68081-81-2)**

# Arm & Hammer™ plus OxiClean™ Liquid Laundry Detergent(NA GHS 2015)

## Safety Data Sheet

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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)  
Listed on Thailand Existing Chemicals Inventory (DIW)

### **Benzenepropanal, 4-(1,1-dimethylethyl)-.alpha.-methyl- (80-54-6)**

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 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)

### **US State Regulations**

#### **1,2-Propanediol (57-55-6)**

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

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

U.S. - New Jersey - Right to Know Hazardous Substance List

#### **Disodium tetraborate pentahydrate (12179-04-3)**

U.S. - Massachusetts - Right To Know List

### **Canadian Regulations**

#### **Benzenepropanal, 4-(1,1-dimethylethyl)-.alpha.-methyl- (80-54-6)**

Listed on the Canadian DSL (Domestic Substances List)

#### **Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C10-16-alkyl ethers, sodium salts (68585-34-2)**

Listed on the Canadian DSL (Domestic Substances List)

#### **1,2-Benzisothiazol-3(2H)-one (2634-33-5)**

Listed on the Canadian DSL (Domestic Substances List)

#### **3(2H)-Isothiazolone, 2-methyl- (2682-20-4)**

Listed on the Canadian DSL (Domestic Substances List)

#### **Alcohols, C10-16, ethoxylated (68002-97-1)**

Listed on the Canadian DSL (Domestic Substances List)

#### **Benzenesulfonic acid, C10-16-alkyl derivatives (68584-22-5)**

Listed on the Canadian DSL (Domestic Substances List)

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

# Arm & Hammer™ plus OxiClean™ Liquid 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).

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>D-Limonene (5989-27-5)</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>.beta.-Pinene (127-91-3)</b>
Listed on the Canadian DSL (Domestic Substances List)
<b>Benzenesulfonic acid, mono-C10-16-alkyl derivatives, sodium salts (68081-81-2)</b>
Listed on the Canadian DSL (Domestic Substances List)
<b>Alcohols, C12-16, ethoxylated (68551-12-2)</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>	: 02/11/2025
<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:

H226	Flammable liquid and vapor
H227	Combustible liquid
H301	Toxic if swallowed
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H311	Toxic in contact with skin
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H330	Fatal if inhaled
H335	May cause respiratory irritation
H360	May damage fertility or the unborn child
H400	Very toxic to aquatic life
H401	Toxic 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

### Glossary of Data Source Abbreviations

ATSDR: Agency for Toxic Substances and Disease Registry (U.S. Department of Health and Human Services)

AU\_WES: Australia WES

CHEMVIEW: ChemView (U.S. Environmental Protection Agency)

EC\_RAR: European Commission Renewal Assessment Report

EC\_SCOEL: European Commission Scientific Committee on Occupational Exposure Limits

ECETOC: European Centre for Ecotoxicology and Toxicology of Chemicals Reports

ECHA\_API: European Chemicals Agency API

ECHA\_RAC: ECHA Committee for Risk Assessment

FOOD\_JOURN: Food Research Journal (1956)

IARC: The International Agency for Research on Cancer

IDLH: National Institute for Occupational Health and Safety Immediately Dangerous to Life or Health Value Profiles

IUCLID: International Uniform Chemical Information Database

JAPAN\_GHS: Japan GHS Basis for Classification Data

JP\_J-CHECK: Japan J-Check

KR\_NIER: South Korea National Institute of Environmental Research Evaluations

NICNAS: Australia National Industrial Chemicals Notification and Assessment Scheme

NIOSH: National Institute for Occupational Health and Safety (U.S. Department



# Arm & Hammer™ plus OxiClean™ Liquid 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).

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EFSA: European Food Safety Authority

EPA: U.S. Environmental Protection Agency

EPA\_AEGL: Acute Exposure Guideline Levels (U.S. Environmental Protection Agency)

EPA\_FIFRA: Federal Insecticide, Fungicide, and Rodenticide Act Reregistration Eligibility Decision (U.S. Environmental Protection Agency)

EPA\_HPVL: High Production Volume Chemicals (U.S. Environmental Protection Agency)

EPA\_TRED: Risk Assessment for Tolerance Reassessment Eligibility Decision (U.S. Environmental Protection Agency)

EU\_CLH: European Union Harmonised Classification and Labelling Proposal

EU\_RAR: European Union Risk Assessment Report

of Health and Human Services)

NLM\_CIP: National Library of Medicine ChemID plus database

NLM\_HSDB: National Library of Medicine Hazardous Substance Data Bank

NLM\_PUBMED: National Library of Medicine PubMed database

NTP: National Toxicology Program

NZ\_CCID: New Zealand Chemical Classification and Information Database

OECD\_EHSP: Environment, Health, and Safety Publication (Organisation for Economic Co-operation and Development)

OECD\_SIDS: Screening Information Data Sets (Organisation for Economic Co-operation and Development)

WHO: World Health Organization

*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