

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: 06/28/2023 Version: 1.0

# **SECTION 1: IDENTIFICATION**

<u>Product Identifier</u> <u>Product Form: Mixture</u>

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

Product Code: 42016428 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

**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) 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**

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

<u>Label Elements</u> 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.

P301+P312 - IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.

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

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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-	(CAS-No.) 26836-07-7	30 - 60	Acute Tox. 4 (Oral), H302
aminoethanol (1:1)			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
Dipropylene glycol	(CAS-No.) 25265-71-8	10 - 30	Not classified
Ethanolamine	(CAS-No.) 141-43-5	0.1 - 0.5	Flam. Liq. 4, H227
			Acute Tox. 4 (Oral), H302
			Acute Tox. 4 (Dermal), H312
			Acute Tox. 4 (Inhalation), H332
			Skin Corr. 1B, H314
			Eye Dam. 1, H318
			STOT SE 1, H370
			STOT SE 3, H335
			Aquatic Acute 2, H401
			Aquatic Chronic 3, H412
Ethanone, 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-	(CAS-No.) 54464-57-2	0.1 - 0.9	Skin Irrit. 2, H315
tetramethyl-2-naphthalenyl)-			Skin Sens. 1B, H317
			Aquatic Acute 2, H401
			Aquatic Chronic 1, H410
Cyclopenta[g]-2-benzopyran, 1,3,4,6,7,8-hexahydro-	(CAS-No.) 1222-05-5	0.01 - 0.9	Aquatic Acute 1, H400
4,6,6,7,8,8-hexamethyl-			Aquatic Chronic 1, H410

Full text of H-statements: see section 16

# **SECTION 4: FIRST AID MEASURES**

# **Description of First-aid Measures**

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

**Inhalation:** Remove to fresh air and keep at rest in a position comfortable for breathing. 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.

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<sup>\*</sup>Percentages are listed in weight by weight percentage (w/w%). 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.

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

# Most Important Symptoms and Effects Both Acute and Delayed

General: Harmful if swallowed. Causes skin irritation. 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 (CO, CO<sub>2</sub>). Nitrogen 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:** Avoid breathing vapors, mist, spray. Avoid contact with skin and eyes. Caution: this product can cause the floor to be very slippery.

#### 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. As an immediate precautionary measure, isolate spill or leak area in all directions.

**Methods for Cleaning Up:** Clean up spills immediately and dispose of waste safely. 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. Handle empty containers with care because they may still present a hazard. Avoid contact with skin and eyes. Avoid breathing vapors, mist, spray.

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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.

Ethanolamine (141-43-5)		
USA ACGIH	ACGIH OEL TWA [ppm]	3 ppm
USA ACGIH	ACGIH OEL STEL [ppm]	6 ppm
USA OSHA	OSHA PEL (TWA) [1]	6 mg/m <sup>3</sup>
USA OSHA	OSHA PEL (TWA) [2]	3 ppm
USA NIOSH	NIOSH REL (TWA)	8 mg/m <sup>3</sup>
USA NIOSH	NIOSH REL TWA [ppm]	3 ppm
USA NIOSH	NIOSH REL (STEL)	15 mg/m³
USA NIOSH	NIOSH REL STEL [ppm]	6 ppm
USA IDLH	IDLH [ppm]	30 ppm
Alberta	OEL STEL	15 mg/m³
Alberta	OEL STEL [ppm]	6 ppm
Alberta	OEL TWA	7.5 mg/m <sup>3</sup>
Alberta	OEL TWA [ppm]	3 ppm
British Columbia	OEL STEL [ppm]	6 ppm
British Columbia	OEL TWA [ppm]	3 ppm
Manitoba	OEL STEL [ppm]	6 ppm
Manitoba	OEL TWA [ppm]	3 ppm
New Brunswick	OEL STEL	15 mg/m <sup>3</sup>
New Brunswick	OEL STEL [ppm]	6 ppm
New Brunswick	OEL TWA	7.5 mg/m <sup>3</sup>
New Brunswick	OEL TWA [ppm]	3 ppm
Newfoundland & Labrador	OEL STEL [ppm]	6 ppm
Newfoundland & Labrador	OEL TWA [ppm]	3 ppm
Nova Scotia	OEL STEL [ppm]	6 ppm
Nova Scotia	OEL TWA [ppm]	3 ppm
Nunavut	OEL STEL [ppm]	6 ppm
Nunavut	OEL TWA [ppm]	3 ppm
Northwest Territories	OEL STEL [ppm]	6 ppm
Northwest Territories	OEL TWA [ppm]	3 ppm
Ontario	OEL STEL [ppm]	6 ppm
Ontario	OEL TWA [ppm]	3 ppm
Prince Edward Island	OEL STEL [ppm]	6 ppm
Prince Edward Island	OEL TWA [ppm]	3 ppm
Québec	VECD (OEL STEL)	15 mg/m <sup>3</sup>
Québec	VECD (OEL STEL) [ppm]	6 ppm
Québec	VEMP (OEL TWA)	7.5 mg/m <sup>3</sup>
Québec	VEMP (OEL TWA) [ppm]	3 ppm
Saskatchewan	OEL STEL [ppm]	6 ppm

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Saskatchewan	OEL TWA [ppm]	3 ppm
Yukon	OEL STEL	12 mg/m³
Yukon	OEL STEL [ppm]	6 ppm
Yukon	OEL TWA	6 mg/m³
Yukon	OEL TWA [ppm]	3 ppm

# **Exposure Controls**

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

**Personal Protective Equipment:** For occupational/workplace settings and bulk quantities: Gloves. Protective clothing. Protective goggles. Insufficient ventilation: wear respiratory protection.









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

Hand Protection: For occupational/workplace settings and bulk quantities: Wear protective gloves.

Eye Protection: For occupational/workplace settings and bulk quantities: Chemical safety goggles.

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

**Respiratory Protection:** For occupational/workplace settings and bulk quantities: 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

# <u>Information on Basic Physical and Chemical Properties</u>

Physical State : Liquid

Appearance : Blue/Green/Dark Blue
Odor : Detergent fragrance
Odor Threshold : No data available

**pH** : 8-9

No data available **Evaporation Rate Melting Point** No data available **Freezing Point** No data available **Boiling Point** No data available **Flash Point** > 93 °C (200 °F) **Auto-ignition Temperature** No data available **Decomposition Temperature** No data available Not applicable **Flammability Lower Flammable Limit** No data available No data available **Upper Flammable Limit Vapor Pressure** No data available Relative Vapor Density at 20°C No data available

Relative Density: 0.8 - 1.2Specific Gravity: 0.8 - 1.2Solubility: Water: solublePartition Coefficient: N-Octanol/Water: No data availableViscosity: No data available

## **SECTION 10: STABILITY AND REACTIVITY**

# **Reactivity**:

Hazardous reactions will not occur under normal conditions.

**Chemical Stability:** 

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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 (CO, CO<sub>2</sub>). Nitrogen 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 Stain Unit Dose Laundry Detergent (NA GHS 2015)	
ATE US/CA (oral)	1252 mg/kg body weight

Skin Corrosion/Irritation: Causes skin irritation. Eye Damage/Irritation: Causes serious eye damage. 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.

# <u>Information on Toxicological Effects - Ingredient(s)</u>

#### LD50 and LC50 Data:

Alcohols, C12-15, ethoxylated (68131-39-5)		
LD50 Oral Rat	1600 – 2700 mg/kg	
LD50 Dermal Rat	5000 mg/kg	
Dipropylene glycol (25265-71-8)		
LD50 Oral Rat	14850 mg/kg	
LD50 Dermal Rabbit	> 5010 mg/kg	
Ethanolamine (141-43-5)		
LD50 Oral Rat	1720 mg/kg	
LD50 Dermal Rabbit	1025 mg/kg	
LC50 Inhalation Rat	> 1487 mg/m³ (Exposure time: 6 h)	
Cyclopenta[g]-2-benzopyran, 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethyl- (1222-05-5)		
LD50 Oral Rat	> 3250 mg/kg	
LD50 Dermal Rabbit	> 3250 mg/kg	
Benzenesulfonic acid, dodecyl-, compound with 2-aminoethanol (1:1) (26836-07-7)		
ATE US/CA (Oral)	500 mg/kg body weight	

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# **SECTION 12: ECOLOGICAL INFORMATION**

## **Toxicity**

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

Alcohols, C12-15, ethoxylated (68131-39-5)		
LC50 Fish	> 1 mg/l	
NOEC Chronic Fish	> 0.1	
Dipropylene glycol (25265-71-8)		
EC50 Crustacea	> 100 mg/l (Exposure Time: 48 h - Species: Daphnia magna)	
ErC50 Algae	> 100 mg/l (Exposure Time: 72 h - Species: Desmodesmus subspicatus)	
NOEC Chronic Algae	> 100 mg/l (Exposure Time: 72 h - Species: Desmodesmus subspicatus)	
Ethanolamine (141-43-5)		
LC50 Fish	227 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])	
EC50 Crustacea	65 mg/l (Exposure time: 48 h - Species: Daphnia magna)	
LC50 Fish	3684 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static])	
ErC50 Algae	2.5 mg/l	
NOEC Chronic Crustacea	0.85 mg/l (Daphnia)	
Ethanone, 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)- (54464-57-2)		
LC50 Fish	1.3 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [Semi-static])	
EC50 Crustacea	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])	
Cyclopenta[g]-2-benzopyran, 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethyl- (1222-05-5)		
LC50 Fish	1.36 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [Flow-through])	
EC50 Crustacea	0.47 mg/l	
LC50 Fish	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])	

#### Persistence and Degradability

Arm & Hammer™ Deep Clean Stain Unit Dose Laundry Detergent (NA GHS 2015)	
Persistence and Degradability	May cause long-term adverse effects in the environment.

#### **Bioaccumulative Potential**

<u>Bioaccamalative i otential</u>		
Arm & Hammer™ Deep Clean Stain Unit Dose Laundry Detergent (NA GHS 2015)		
<b>Bioaccumulative Potential</b>	Not established.	
Dipropylene glycol (25265-71-8)		
BCF Fish	0.3 (0.3 – 1.4)	
Log POW	-0.462 (at 21.7 °C (at pH 6)	
Ethanolamine (141-43-5)		
Log POW	-2.3 (at 25 °C (at pH 6.8-7.3)	
Cyclopenta[g]-2-benzopyran, 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethyl- (1222-05-5)		
BCF Fish	(1618 dimensionless (whole body w.w.)	
Log POW	5.3 (at 25 °C (at pH 7)	

# **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:** This material is hazardous to the aquatic environment. Keep out of sewers and waterways. Avoid release to the environment.

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# **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 Stain Unit Dose Laundry Detergent (NA GHS 2015)	
SARA Section 311/312 Hazard Classes Health hazard - Acute toxicity (any route of exposure)	
	Health hazard - Serious eye damage or eye irritation
	Health hazard - Skin corrosion or Irritation

## 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)

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)

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

#### Dipropylene glycol (25265-71-8)

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 Chemical Inventory)

#### **Ethanolamine (141-43-5)**

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)

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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 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

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)

# 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)

# 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)

## **US State Regulations**

#### Dipropylene glycol (25265-71-8)

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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).

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

## **Ethanolamine (141-43-5)**

- 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

# **Canadian Regulations**

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

Listed on the Canadian DSL (Domestic Substances List)

# Dipropylene glycol (25265-71-8)

Listed on the Canadian DSL (Domestic Substances List)

# Ethanolamine (141-43-5)

Listed on the Canadian DSL (Domestic Substances List)

# Ethanone, 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)- (54464-57-2)

Listed on the Canadian DSL (Domestic Substances List)

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

Listed on the Canadian DSL (Domestic Substances List)

## Benzenesulfonic acid, dodecyl-, compound with 2-aminoethanol (1:1) (26836-07-7)

Listed on the Canadian DSL (Domestic Substances List)

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

**Date of Preparation or Latest Revision** 

: 06/28/2023

Other Information

: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200 and Canada's Hazardous

Products Regulations (HPR) SOR/2015-17.

## **GHS Full Text Phrases:**

H227	Combustible liquid
H302	Harmful if swallowed
H312	Harmful 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
H332	Harmful if inhaled
H335	May cause respiratory irritation
H370	Causes damage to organs
H400	Very toxic to aquatic life
H401	Toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

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