



Arm & Hammer™ Power Sheets Laundry Detergent (Fresh Breeze, Fragrance Free, Fresh Linen) (NA GHS 2024)

Safety Data Sheet

According to Federal Register / Vol. 89, No. 98 / Monday, May 20, 2024 / Rules and Regulations and according to the Hazardous Products Regulation (December 15, 2022).

Date of Issue: 12/12/2025

Version: 1.0

SECTION 1: IDENTIFICATION

Product Identifier

Product Form: Mixture

Product Name: Arm & Hammer™ Power Sheets Laundry Detergent (Fresh Breeze, Fragrance Free, Fresh Linen) (NA GHS 2024)

Product Code: 42017360, 42016386, 42016191

Intended Use of the Product

Use Of The Substance/Mixture : Laundry detergent

Restrictions On Use : No additional information available

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

Company

Church and Dwight Canada Corp.
5485 Ferrier
Montreal, Qc, H4P 1M6
www.churchdwight.ca
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 2	H319
Skin sensitization, Category 1	H317
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) :



GHS07

Signal Word (GHS-US/CA) :

Warning

Hazard Statements (GHS-US/CA) :

H302 - Harmful if swallowed.
H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.
H319 - Causes serious eye irritation.
H401 - Toxic to aquatic life.
H412 - Harmful to aquatic life with long lasting effects.

Precautionary Statements (GHS-US/CA) : P261 - Avoid breathing dust.

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P264 - Wash hands, forearms and face thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P273 - Avoid release to the environment.
P280 - Wear protective gloves, protective clothing, eye protection.
P301+P312 - IF SWALLOWED: Call a POISON CENTER or a doctor if you feel unwell.
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321 - Specific treatment (see Section 4 of this Safety Data Sheet).
P330 - Rinse mouth.
P333+P313 - If skin irritation or rash occurs: Get medical advice or attention.
P337+P313 - If eye irritation persists: Get medical advice or attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P501 - Dispose of local, regional, national, territorial, provincial, and international regulations. to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulations.

Hazards associated with known or reasonably anticipated uses

If this product is used in unforeseeable chemical processes and not used as intended or reasonable, the hazards listed in Section 2.3 cannot cover all chemistries. Therefore, a Process Hazard Analysis (PHA) or other hazard assessment for additional specific end uses should be performed to ensure that hazards are fully understood, and adequate safety measures are in place. See Section 10 for relevant reactivity and stability information.

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
Sulfuric acid, mono-C12-14-alkyl esters, sodium salts	(CAS-No.) 85586-07-8	30 – 60	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Acute 2, H401 Aquatic Chronic 3, H412
Vinyl acetate-vinyl alcohol copolymer	(CAS-No.) 25213-24-5	15 – 40	Eye Irrit. 2, H319 Comb. Dust
Alcohols, C12-16, ethoxylated	(CAS-No.) 68551-12-2	3 – 7	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Aquatic Acute 2, H401 Aquatic Chronic 3, H412
1,2,3-Propanetriol	(CAS-No.) 56-81-5	1 – 5	Not classified.
Siloxanes and silicones, dimethyl, 3-hydroxypropyl methyl, ethoxylated	(CAS-No.) 68937-54-2	0.5 – 1.5	Eye Irrit. 2B, H320
Disodium carbonate	(CAS-No.) 497-19-8	0.1 – 1	Acute Tox. 4 (Inhalation:dust,mist), H332 Eye Irrit. 2A, H319
Ethanone, 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)-	(CAS-No.) 54464-57-2	< 1	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Acute 2, H401 Aquatic Chronic 1, H410
Phenethyl alcohol	(CAS-No.) 60-12-8	< 1	Acute Tox. 4 (Oral), H302 Eye Irrit. 2A, H319

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Ethanone, 1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthalenyl)-	(CAS-No.) 21145-77-7	< 1	Acute Tox. 4 (Oral), H302 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Linalyl acetate	(CAS-No.) 115-95-7	< 1	Flam. Liq. 4, H227 Skin Irrit. 2, H315 Eye Irrit. 2B, H320 Skin Sens. 1B, H317 Aquatic Acute 2, H401
(E)-2-Benzylideneoctanal	(CAS-No.) 165184-98-5	< 0.2	Skin Sens. 1, H317 Aquatic Acute 1, H400 Aquatic Chronic 2, H411
2-Methylfumaric acid diethyl ester	(CAS-No.) 2418-31-7	< 0.2	Skin Sens. 1B, H317
Citronellol	(CAS-No.) 106-22-9	< 0.2	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1, H317 Aquatic Acute 2, H401 Aquatic Chronic 2, H411
Benzeneacetonitrile, .alpha.-cyclohexylidene-	(CAS-No.) 10461-98-0	< 0.2	Acute Tox. 4 (Oral), H302 Aquatic Acute 2, H401 Aquatic Chronic 1, H410
4-tert-Butylcyclohexyl acetate	(CAS-No.) 32210-23-4	< 0.2	Skin Sens. 1B, H317 Aquatic Acute 2, H401
Cyclohexanepropanoic acid, 2-propenyl ester	(CAS-No.) 2705-87-5	< 0.2	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Sens. 1B, H317 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Benzoic acid, 2,4-dihydroxy-3,6-dimethyl-, methyl ester	(CAS-No.) 4707-47-5	< 0.1	Skin Sens. 1B, H317 Aquatic Acute 3, H402
Benzyl acetate	(CAS-No.) 140-11-4	< 0.1	Flam. Liq. 4, H227 Aquatic Acute 2, H401 Aquatic Chronic 3, H412
2-Phenoxyethanol	(CAS-No.) 122-99-6	< 0.01	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 STOT SE 3, H335
1,2-Propanediol	(CAS-No.) 57-55-6	< 0.01	Not classified.
Sodium hydroxide	(CAS-No.) 1310-73-2	< 0.001	Met. Corr. 1, H290 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Skin Corr. 1, H314 Eye Dam. 1, H318 STOT SE 1, H370 Aquatic Acute 3, H402

Full text of H-statements: see section 16. *This mixture has a variable composition!*

*The actual concentration of ingredient(s) is withheld as a trade secret in accordance with the Hazardous Products Regulations (HPR) SOR/2022-272 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%).

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).

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Inhalation: Using proper respiratory protection, immediately move the exposed person to fresh air. Encourage exposed person to cough, spit out, and blow nose to remove dust. Obtain medical attention if breathing difficulty persists.

Skin Contact: Remove contaminated clothing. Wash affected area with soap and water for at least 15 minutes. Obtain medical attention if irritation/rash develops or persists.

Eye Contact: Immediately rinse with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.

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

Most Important Symptoms and Effects Both Acute and Delayed

General: Skin sensitization. Causes skin irritation. Causes serious eye irritation. Harmful if swallowed.

Inhalation: Prolonged exposure may cause irritation.

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

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

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

Chronic Symptoms: Repeated and prolonged exposure may cause an allergic skin reaction.

Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Use extinguishing media suitable for surrounding type of fire.

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. Contains substances that are combustible dusts. If the material is further processed and dust is allowed to accumulate, may form combustible dust concentrations in air that could ignite and cause an explosion.

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, CO₂). Sulfur oxides. Sodium oxides. Silicon oxides. Acrolein. Acetic acid. Acetaldehyde.

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

Reference to Other Sections

Refer to Section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Avoid breathing dust. Do not get in eyes, on skin, or on clothing. Contains substances that are combustible dusts. If the material is further processed and dust is allowed to accumulate, may form combustible dust concentrations in air that could ignite and cause an explosion.

For Non-Emergency Personnel

Protective Equipment: Use appropriate personal protective equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.

For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area.

Environmental Precautions

Prevent entry to sewers and public waters. Avoid release to the environment.

Methods and Materials for Containment and Cleaning Up

For Containment: Contain solid spills with appropriate barriers and prevent migration and entry into sewers or streams.

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Methods for Cleaning Up: Clean up spills and dispose of waste safely. Recover the product by vacuuming, shoveling or sweeping. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

Additional Hazards When Processed: Contains substances that are combustible dusts. If the material is further processed and dust is allowed to accumulate, may form combustible dust concentrations in air that could ignite and cause an explosion. Do not allow product to dry out.

Precautions for Safe Handling: Do not get in eyes, on skin, or on clothing. Avoid breathing dust. Handle empty containers with care because they may still present a hazard. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

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.

1,2,3-Propanetriol (56-81-5)		
USA OSHA	OSHA PEL TWA	15 mg/m ³ (mist, total particulate) 5 mg/m ³ (mist, respirable fraction)
Alberta	OEL TWA	10 mg/m ³ (mist)
British Columbia	OEL TWA	10 mg/m ³ (mist, total) 3 mg/m ³ (mist-respirable)
Nunavut	OEL STEL	20 mg/m ³ (mist)
Nunavut	OEL TWA	10 mg/m ³ (mist)
Northwest Territories	OEL STEL	20 mg/m ³ (mist)
Northwest Territories	OEL TWA	10 mg/m ³ (mist)
Québec	VEMP (OEL TWAEV)	10 mg/m ³ (mist)
Saskatchewan	OEL STEL	20 mg/m ³ (mist)
Saskatchewan	OEL TWA	10 mg/m ³ (mist)
Yukon	OEL TWA	30 mppcf (mist) 10 mg/m ³ (mist)
1,2-Propanediol (57-55-6)		
USA AIHA	WEEL TWA	10 mg/m ³
Ontario	OEL TWAEV	10 mg/m ³ (for assessing the visibility in a work environment where 1,2-Propylene glycol aerosol is present-aerosol only) 155 mg/m ³ (aerosol and vapor)
Ontario	OEL TWAEV	50 ppm (aerosol and vapor)
2-Phenoxyethanol (122-99-6)		
Ontario	OEL TWAEV	141 mg/m ³
Ontario	OEL TWAEV	25 ppm

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Sodium hydroxide (1310-73-2)		
USA ACGIH	ACGIH® TLV® C	2 mg/m ³
USA OSHA	OSHA PEL TWA	2 mg/m ³
USA NIOSH	NIOSH REL C	2 mg/m ³
USA IDLH	IDLH	10 mg/m ³
Alberta	OEL C	2 mg/m ³
British Columbia	OEL C	2 mg/m ³
Manitoba	OEL C	2 mg/m ³
New Brunswick	OEL C	2 mg/m ³
Newfoundland & Labrador	OEL C	2 mg/m ³
Nova Scotia	OEL C	2 mg/m ³
Nunavut	OEL C	2 mg/m ³
Northwest Territories	OEL C	2 mg/m ³
Ontario	OEL C	2 mg/m ³
Prince Edward Island	OEL C	2 mg/m ³
Québec	Plafond (OEL C)	2 mg/m ³
Saskatchewan	OEL C	2 mg/m ³
Yukon	OEL C	2 mg/m ³
Phenethyl alcohol (60-12-8)		
USA ACGIH	ACGIH® TLV® TWA	0.5 ppm
USA ACGIH	ACGIH chemical category	Skin - potential significant contribution to overall exposure by the cutaneous route
Manitoba	OEL TWA	0.5 ppm
Newfoundland & Labrador	OEL TWA	0.5 ppm
Nova Scotia	OEL TWA	0.5 ppm
Prince Edward Island	OEL TWA	0.5 ppm
Benzyl acetate (140-11-4)		
USA ACGIH	ACGIH® TLV® TWA	10 ppm
USA ACGIH	ACGIH chemical category	Not Classifiable as a Human Carcinogen
Alberta	OEL TWA	61 mg/m ³
Alberta	OEL TWA	10 ppm
British Columbia	OEL TWA	10 ppm
Manitoba	OEL TWA	10 ppm
New Brunswick	OEL TWA	10 ppm
Newfoundland & Labrador	OEL TWA	10 ppm
Nova Scotia	OEL TWA	10 ppm
Nunavut	OEL STEL	20 ppm
Nunavut	OEL TWA	10 ppm
Northwest Territories	OEL STEL	20 ppm
Northwest Territories	OEL TWA	10 ppm
Ontario	OEL TWAEV	10 ppm
Prince Edward Island	OEL TWA	10 ppm
Québec	VEMP (OEL TWAEV)	10 ppm
Saskatchewan	OEL STEL	20 ppm
Saskatchewan	OEL TWA	10 ppm

Exposure Controls

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

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



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 or safety glasses with side shields.

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

Information on Basic Physical and Chemical Properties

Physical State	: Solid
Color	: Blue
Odor	: Aromatic
Odor Threshold	: No data available
pH	: 8 – 10
Evaporation Rate	: No data available
Melting Point	: No data available
Freezing Point	: No data available
Boiling Point	: No data available
Flash Point	: No data available
Auto-ignition Temperature	: No data available
Decomposition Temperature	: No data available
Flammability (solid, gas)	: No data available
Lower Flammable Limit	: No data available
Upper Flammable Limit	: No data available
Vapor Pressure	: No data available
Relative Vapor Density at 20°C	: No data available
Relative Density	: No data available
Specific Gravity	: No data available
Solubility	: Water: Soluble
Partition Coefficient: N-Octanol/Water	: No data available
Viscosity, Kinematic	: No data available
Particle characteristics	: 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).

Hazards associated with known or reasonably anticipated uses

Hazardous polymerization will not occur.

Conditions to Avoid:

Direct sunlight, extremely high or low temperatures, and incompatible materials. Avoid creating or spreading dust. Do not allow product to dry out.

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Incompatible Materials:

Strong acids, strong bases, strong oxidizers.

Hazardous Decomposition Products:

Thermal decomposition may produce: Carbon oxides (CO, CO₂). Sulfur oxides. Sodium oxides. Silicon oxides. Acrolein. Acetic acid. Acetaldehyde.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects - Product

Likely routes of exposure: Dermal, Eye Contact, Inhalation, Oral.

Acute Toxicity (Oral): Harmful if swallowed.

Acute Toxicity (Dermal): Not classified.

Acute Toxicity (Inhalation): Not classified.

LD50 and LC50 Data:

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ATE US/CA (oral)	819.84 mg/kg body weight

Skin Corrosion/Irritation: Causes skin irritation.

pH: 8 – 10

Eye Damage/Irritation: Causes serious eye irritation. (Data shows the product is not corrosive to the eye.)

pH: 8 – 10

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

Germ Cell Mutagenicity: Not classified.

Carcinogenicity: Not classified.

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

Reproductive Toxicity: Not classified.

Specific Target Organ Toxicity (Single Exposure): Not classified.

Aspiration Hazard: Not classified.

Symptoms/Injuries After Inhalation: Prolonged exposure may cause irritation.

Symptoms/Injuries After Skin Contact: May cause an allergic skin reaction. Redness, pain, swelling, itching, burning, dryness, and dermatitis.

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

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

Chronic Symptoms: Repeated and prolonged exposure may cause an allergic skin reaction.

Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data:

Sulfuric acid, mono-C12-14-alkyl esters, sodium salts (85586-07-8)	
LD50 Oral Rat	500 – 2000 mg/kg (Source: ECHA)
1,2,3-Propanetriol (56-81-5)	
LD50 Oral Rat	27200 mg/kg (Source: ECHA_API)
LD50 Dermal Rabbit	> 10 g/kg (Source: NLM_CIP)
LC50 Inhalation Rat	> 2.75 mg/l/4h (No mortalities)
Disodium carbonate (497-19-8)	
LD50 Oral Rat	4090 mg/kg (Source: NLM_HSDB)
LD50 Dermal Rabbit	> 2000 mg/kg (Source: ECHA)
LC50 Inhalation Rat	2300 mg/m ³ (Exposure time: 2 h Source: ECHA_API)
1,2-Propanediol (57-55-6)	
LD50 Oral Rat	20 g/kg (Source: NLM_CIP)
LD50 Dermal Rabbit	20800 mg/kg (Source: NLM_CIP)
2-Phenoxyethanol (122-99-6)	
LD50 Oral Rat	1850 mg/kg (Source: EU_CLH)
LD50 Dermal Rabbit	5 ml/kg (Source: NLM_CIP)

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LC50 Inhalation Rat	> 1000 mg/m ³ (Exposure time: 8 h)
LC50 Inhalation Rat	176.5 mg/l/4h
Sodium hydroxide (1310-73-2)	
LD50 Oral Rat	325 mg/kg
LD50 Dermal Rabbit	1350 mg/kg (Source: NLM_HSDB)
Ethanone, 1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthalenyl)- (21145-77-7)	
LD50 Oral Rat	920 mg/kg (Species: Wistar)
LD50 Dermal Rabbit	> 5 g/kg (Source: NLM_HSDB)
Benzeneacetonitrile, .alpha.-cyclohexylidene- (10461-98-0)	
LD50 Oral Rat	619 mg/kg
LD50 Dermal Rat	> 2000 mg/kg (Source: ECHA_API)
Phenethyl alcohol (60-12-8)	
LD50 Oral Rat	1609 mg/kg (Source: EPA_HP)
LD50 Dermal Rabbit	2535 mg/kg (Source: EPA_HP)
LC50 Inhalation Rat	> 4.63 mg/l/4h (No deaths)
4-tert-Butylcyclohexyl acetate (32210-23-4)	
LD50 Oral Rat	3323 – 3885 mg/kg
LD50 Dermal Rabbit	> 5000 mg/kg (Source: CHEMVIEW)
Benzoic acid, 2,4-dihydroxy-3,6-dimethyl-, methyl ester (4707-47-5)	
LD50 Dermal Rat	> 5000 mg/kg (Source: ECHA_API)
Cyclohexanepropanoic acid, 2-propenyl ester (2705-87-5)	
LD50 Oral Rat	585 mg/kg
LD50 Dermal Rabbit	1600 mg/kg (Source: ECHA_API)
Linalyl acetate (115-95-7)	
LD50 Oral Rat	14550 mg/kg (Source: EPA_HP)
LD50 Dermal Rabbit	> 5000 mg/kg (Source: ECHA)
LC50 Inhalation Rat	> 18.94 mg/l (Exposure time: 8 h Source: ECHA)
(E)-2-Benzylideneoctanal (165184-98-5)	
LD50 Dermal Rabbit	> 3000 mg/kg (Source: ECHA_API)
LC50 Inhalation Rat	> 5 mg/l/4h
Benzyl acetate (140-11-4)	
LD50 Oral Rat	2490 mg/kg (Source: JAPAN_GHS)
LD50 Dermal Rabbit	> 5000 mg/kg (Source: JAPAN_GHS)
Citronellol (106-22-9)	
LD50 Oral Rat	3450 mg/kg (Source: NLM_CIP)
LD50 Dermal Rabbit	2650 mg/kg (Source: EPA_HP)
Benzyl acetate (140-11-4)	
IARC Group	3

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

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

Sulfuric acid, mono-C12-14-alkyl esters, sodium salts (85586-07-8)	
LC50 Fish 1	10 – 100 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static] Source: IUCLID)
EC50 - Crustacea [1]	2.8 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 Fish 2	2.5 mg/l (Exposure time: 96 h - Species: Pimephales promelas Source: IUCLID)
1,2,3-Propanetriol (56-81-5)	
LC50 Fish 1	54000 (51000 – 57000) mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
Disodium carbonate (497-19-8)	

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LC50 Fish 1	300 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static] Source: EPA)
EC50 - Crustacea [1]	265 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 Fish 2	310 – 1220 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static] Source: EPA)
1,2-Propanediol (57-55-6)	
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])
ErC50 algae	1000 mg/l
NOEC Chronic Crustacea	1000 mg/l
NOEC Chronic Algae	1000 mg/l
2-Phenoxyethanol (122-99-6)	
LC50 Fish 1	344 mg/l
EC50 - Crustacea [1]	> 500 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 Fish 2	366 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static] Source: IUCLID)
Sodium hydroxide (1310-73-2)	
LC50 Fish 1	45.4 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
EC50 - Crustacea [1]	40 mg/l
Alcohols, C12-16, ethoxylated (68551-12-2)	
LC50 Fish 1	> 1 mg/l
NOEC Chronic Fish	> 0.1
Ethanone, 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8-tetramethyl-2-naphthalenyl)- (54464-57-2)	
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])
Ethanone, 1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthalenyl)- (21145-77-7)	
EC50 - Crustacea [1]	0.61 mg/l
NOEC Chronic Fish	0.035 mg/l
Benzeneacetonitrile, .alpha.-cyclohexylidene- (10461-98-0)	
LC50 Fish 1	> 1.3 mg/l
NOEC Chronic Crustacea	0.07 mg/l
Phenethyl alcohol (60-12-8)	
EC50 - Crustacea [1]	287.17 mg/l (Exposure time: 48 h - Species: Daphnia magna)
4-tert-Butylcyclohexyl acetate (32210-23-4)	
LC50 Fish 1	8.6 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [semi-static] Source: ECHA)
EC50 - Crustacea [1]	5.3 mg/l
NOEC Chronic Algae	11 mg/l
Cyclohexanepropanoic acid, 2-propenyl ester (2705-87-5)	
LC50 Fish 1	0.13 mg/l (Exposure time: 96h - Species: Pimephales promelas [Flow-through])
EC50 - Crustacea [1]	3.8 (3.2 – 4.5) mg/l (Exposure time: 48h - Species: Daphnia magna [Flow-through])
ErC50 algae	3 mg/l Exposure time: 72h - Species: Pseudokirchneriella subcapitata [Static])
Linalyl acetate (115-95-7)	
LC50 Fish 1	11 mg/l (Exposure time: 96 h - Species: Cyprinus carpio [flow-through] Source: ECHA)
EC50 - Crustacea [1]	6 mg/l
(E)-2-Benzylideneoctanal (165184-98-5)	
LC50 Fish 1	0.12 – 2.3 mg/l (Fathead minnows (Pimephales promelas))
NOEC Chronic Crustacea	0.063 mg/l
Benzyl acetate (140-11-4)	
LC50 Fish 1	4 mg/l

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NOEC Chronic Fish	0.92 mg/l
Citronellol (106-22-9)	
EC50 - Crustacea [1]	17.48 mg/l (Exposure time: 48 h - Species: Daphnia magna [static])
ErC50 algae	2.38 mg/l (Exposure time: 72 h - Species: Selenastrum subspicatus)
<u>Persistence and Degradability</u>	
Arm & Hammer™ Power Sheets Laundry Detergent (Fresh Breeze, Fragrance Free, Fresh Linen) (NA GHS 2024)	
Persistence and Degradability	May cause long-term adverse effects in the environment.
<u>Bioaccumulative Potential</u>	
Arm & Hammer™ Power Sheets Laundry Detergent (Fresh Breeze, Fragrance Free, Fresh Linen) (NA GHS 2024)	
Bioaccumulative Potential	Not established.
Sulfuric acid, mono-C12-14-alkyl esters, sodium salts (85586-07-8)	
BCF Fish 1	2.1 – 11
1,2,3-Propanetriol (56-81-5)	
BCF Fish 1	(no bioaccumulation)
Log POW	-1.75 (at 25 °C / 77 °F (at pH 7.4))
Disodium carbonate (497-19-8)	
BCF Fish 1	(no bioaccumulation)
1,2-Propanediol (57-55-6)	
BCF Fish 1	(1)
Log POW	-0.92
2-Phenoxyethanol (122-99-6)	
Log POW	1.107
Ethanone, 1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthalenyl)- (21145-77-7)	
Log POW	5.7 (at 24 °C / 75.2 °F)
Benzeneacetonitrile, .alpha.-cyclohexylidene- (10461-98-0)	
Log POW	4 (at 30 °C / 86 °F)
Phenethyl alcohol (60-12-8)	
Log POW	1.36 (at 20 °C / 68 °F (at pH 7))
4-tert-Butylcyclohexyl acetate (32210-23-4)	
Log POW	4.8 (at 25 °C / 77 °F)
Benzoic acid, 2,4-dihydroxy-3,6-dimethyl-, methyl ester (4707-47-5)	
Log POW	2.6 (at 20 °C / 68 °F)
Cyclohexanepropanoic acid, 2-propenyl ester (2705-87-5)	
Log POW	4.28 (at 20 °C / 68 °F (at pH 5.3))
Linalyl acetate (115-95-7)	
Log POW	3.9 (at 25 °C / 77 °F)
(E)-2-Benzylideneoctanal (165184-98-5)	
Log POW	5.3 (at 24 °C / 75.2 °F)
Benzyl acetate (140-11-4)	
Log POW	1.96 (at 25 °C / 77 °F (at pH 7))
Citronellol (106-22-9)	
Log POW	3.41 (at 25 °C / 77 °F)

Mobility in Soil

No additional information available

Other Adverse Effects

Other Information: Avoid release to the environment.

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SECTION 13: DISPOSAL CONSIDERATIONS

Waste Treatment Methods: Can be landfilled, when in compliance with local regulations.

Sewage Disposal Recommendations: Do not dispose of waste into sewer. Do not empty into drains.

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™ Power Sheets Laundry Detergent (Fresh Breeze, Fragrance Free, Fresh Linen) (NA GHS 2024)

SARA Section 311/312 Hazard Classes

Health hazard - Respiratory or skin sensitization

Health hazard - Skin corrosion or Irritation

Health hazard - Serious eye damage or eye irritation

Health hazard - Acute toxicity (any route of exposure)

Sulfuric acid, mono-C12-14-alkyl esters, sodium salts (85586-07-8)

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 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 TCSI (Taiwan Chemical Substance Inventory)

Listed on the NCI (Vietnam - National Chemical Inventory)

Listed on Thailand Existing Chemicals Inventory (DIW)

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

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

Listed on the Canadian DSL (Domestic Substances List)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on the Japanese ISHL (Industrial Safety and Health Law)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Listed on the NCI (Vietnam - National Chemical Inventory)

Listed on Thailand Existing Chemicals Inventory (DIW)

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Siloxanes and silicones, dimethyl, 3-hydroxypropyl methyl, ethoxylated (68937-54-2)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active Listed on the Canadian DSL (Domestic Substances 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 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).
Disodium carbonate (497-19-8)	
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) 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)	
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)	
2-Phenoxyethanol (122-99-6)	
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)	

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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 IECS (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)

Sodium hydroxide (1310-73-2)

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 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 IECS (Inventory of Existing Chemical Substances Produced or Imported in China)
 Japanese Poisonous and Deleterious Substances Control 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)

CERCLA RQ

1000 lb

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 IECS (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).

Vinyl acetate-vinyl alcohol copolymer (25213-24-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active
 Listed on the Canadian DSL (Domestic Substances List)
 Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)
 Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

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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)

EPA TSCA Regulatory Flag

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

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)
Japanese Pollutant Release and Transfer Register Law (PRTR Law)
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)
Listed on Thailand Existing Chemicals Inventory (DIW)

Ethanone, 1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthalenyl)- (21145-77-7)

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

Benzeneacetonitrile, .alpha.-cyclohexylidene- (10461-98-0)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active
Listed on the Canadian NDSL (Non-Domestic Substances List)
Listed on ELINCS (European List of Notified 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 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 KECL/KECI (Korean Existing Chemicals Inventory)
Listed on the Japanese ISHL (Industrial Safety and Health Law)

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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

PMN - PMN - indicates a commenced PMN substance.

Phenethyl alcohol (60-12-8)

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)
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)

4-tert-Butylcyclohexyl acetate (32210-23-4)

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)
Listed on Thailand Existing Chemicals Inventory (DIW)

Benzoic acid, 2,4-dihydroxy-3,6-dimethyl-, methyl ester (4707-47-5)

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)

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Cyclohexanepropanoic acid, 2-propenyl ester (2705-87-5)

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)

Linalyl acetate (115-95-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active
Listed on the Canadian DSL (Domestic Substances List)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
Listed on KECL/KECI (Korean Existing Chemicals Inventory)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
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)

(E)-2-Benzylideneoctanal (165184-98-5)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
Listed on the Japanese ISHL (Industrial Safety and Health Law)
Listed on the TCSI (Taiwan Chemical Substance Inventory)
Listed on the NCI (Vietnam - National Chemical Inventory)
Listed on Thailand Existing Chemicals Inventory (DIW)

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)

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Listed on Thailand Existing Chemicals Inventory (DIW)
Citronellol (106-22-9)
Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active Listed on the Canadian DSL (Domestic Substances List) Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) Listed 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)
US State Regulations
1,2,3-Propanetriol (56-81-5)
U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List U.S. - Massachusetts - Right To Know List
1,2-Propanediol (57-55-6)
U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List
Sodium hydroxide (1310-73-2)
U.S. - New Jersey - Right to Know Hazardous Substance List U.S. - Pennsylvania - RTK (Right to Know) List U.S. - Massachusetts - Right To Know List U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List
Benzyl acetate (140-11-4)
U.S. - New Jersey - Right to Know Hazardous Substance List
Canadian Regulations
1,2,3-Propanetriol (56-81-5)
Listed on the Canadian DSL (Domestic Substances List)
Siloxanes and silicones, dimethyl, 3-hydroxypropyl methyl, ethoxylated (68937-54-2)
Listed on the Canadian DSL (Domestic Substances List)
Disodium carbonate (497-19-8)
Listed on the Canadian DSL (Domestic Substances List)
1,2-Propanediol (57-55-6)
Listed on the Canadian DSL (Domestic Substances List)
2-Phenoxyethanol (122-99-6)
Listed on the Canadian DSL (Domestic Substances List)
Sodium hydroxide (1310-73-2)
Listed on the Canadian DSL (Domestic Substances List)
Alcohols, C12-16, ethoxylated (68551-12-2)
Listed on the Canadian DSL (Domestic Substances List)
Vinyl acetate-vinyl alcohol copolymer (25213-24-5)
Listed on the Canadian DSL (Domestic Substances List)
Ethanone, 1-(1,2,3,4,5,6,7,8-octahydro-2,3,8-tetramethyl-2-naphthalenyl)- (54464-57-2)

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Listed on the Canadian DSL (Domestic Substances List)
Ethanone, 1-(5,6,7,8-tetrahydro-3,5,5,6,8,8-hexamethyl-2-naphthalenyl)- (21145-77-7)
Listed on the Canadian DSL (Domestic Substances List)
Benzeneacetonitrile, -alpha.-cyclohexylidene- (10461-98-0)
Listed on the Canadian NDSL (Non-Domestic Substances List)
Phenethyl alcohol (60-12-8)
Listed on the Canadian DSL (Domestic Substances List)
4-tert-Butylcyclohexyl acetate (32210-23-4)
Listed on the Canadian DSL (Domestic Substances List)
Benzoic acid, 2,4-dihydroxy-3,6-dimethyl-, methyl ester (4707-47-5)
Listed on the Canadian DSL (Domestic Substances List)
Cyclohexanepropanoic acid, 2-propenyl ester (2705-87-5)
Listed on the Canadian DSL (Domestic Substances List)
Linalyl acetate (115-95-7)
Listed on the Canadian DSL (Domestic Substances List)
Benzyl acetate (140-11-4)
Listed on the Canadian DSL (Domestic Substances List)
Citronellol (106-22-9)
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** : 12/12/2025
- 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/2022-272.
- 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
H290	May be corrosive to metals
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
H320	Causes 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
H402	Harmful to aquatic life

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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

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_HPVC: 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

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 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.

NA GHS SDS (Can, US)