



Arm & Hammer™ + TheraBreath™ Toothpaste (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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Version: 1.0

SECTION 1: IDENTIFICATION

Product Identifier

Product Form: Mixture

Product Name: Arm & Hammer™ + TheraBreath™ Toothpaste (NA GHS 2015)

Synonyms: Arm & Hammer™ + TheraBreath Toothpaste - Icy Mint

Product Code: 42016641

Intended Use of the Product

Toothpaste, Brush Twice Daily

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

Label Elements

The consumer variant of this product is labeled in accordance with regulations administered by the Consumer Product Safety Commission (CPSC) and the Food and Drug Administration (FDA). The use pattern and exposure in the workplace are generally not consistent with those experienced by consumers. The requirements of the Occupational Safety and Health Administration applicable to this SDS differ from the labeling requirements of the CPSC and FDA, and as a result, this SDS may contain additional health hazard information not pertinent to consumer use and not found on the product label.

Classification of the Substance or Mixture

GHS-US/CA Classification

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

GHS-US/CA Labeling

Hazard Pictograms (GHS-US/CA) :



Signal Word (GHS-US/CA)

: Danger

Hazard Statements (GHS-US/CA)

: H318 - Causes serious eye damage.
H401 - Toxic to aquatic life.
H412 - Harmful to aquatic life with long lasting effects.

Precautionary Statements (GHS-US/CA) :

P273 - Avoid release to the environment.
P280 - Wear protective gloves, protective clothing, and eye protection.
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.
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. may cause an allergic reaction in sensitive individuals.

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Hazards Not Otherwise Classified (HNOC): Contact with acids liberates toxic gas.

Unknown Acute Toxicity (GHS-US/CA)

No additional information available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

Name	Product Identifier	% *	GHS Ingredient Classification
Sodium bicarbonate	(CAS-No.) 144-55-8	10 – 30	Not classified
1,2,3-Propanetriol	(CAS-No.) 56-81-5	10 – 30	Not classified
Tetrasodium pyrophosphate	(CAS-No.) 7722-88-5	5 – 10	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
Cyclohexanol, 5-methyl-2-(1-methylethyl)-, (1.alpha.,2.beta.,5.alpha.)-	(CAS-No.) 89-78-1	1.4 – 1.96	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Aquatic Acute 3, H402
Sulfuric acid, mono-C12-14-alkyl esters, sodium salts	(CAS-No.) 85586-07-8	0.1 – 1	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Acute 2, H401 Aquatic Chronic 3, H412
Sodium saccharin	(CAS-No.) 128-44-9	0.1 – 1	Not classified
Titanium dioxide	(CAS-No.) 13463-67-7	0.1 – 1	Not classified
Sodium fluoride	(CAS-No.) 7681-49-4	0.1 – 1	Acute Tox. 3 (Oral), H301 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Aquatic Acute 3, H402 Aquatic Chronic 3, H412
Glycine, N-methyl-N-(1-oxododecyl)-, sodium salt	(CAS-No.) 137-16-6	0.41 – 0.59	Acute Tox. 2 (Inhalation:dust,mist), H330 Skin Irrit. 2, H315 Eye Dam. 1, H318
Benzene, 1-methoxy-4-(1-propenyl)-, (E)-	(CAS-No.) 4180-23-8	00.15 – 0.42	Skin Sens. 1B, H317 Aquatic Acute 2, H401
Carvone	(CAS-No.) 99-49-0	00.15 – 0.42	Skin Sens. 1, H317
D-Limonene	(CAS-No.) 5989-27-5	0.028 – 0.28	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1B, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
(-)-Carvone	(CAS-No.) 6485-40-1	0.014 – 0.14	Skin Sens. 1B, H317 Aquatic Acute 2, H401
Cyclohexanone, 5-methyl-2-(1-methylethyl)-, cis-	(CAS-No.) 491-07-6	0.014 – 0.14	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Chronic 3, H412
1,8-Cineol	(CAS-No.) 470-82-6	0.014 – 0.14	Flam. Liq. 3, H226 Skin Sens. 1B, H317 Aquatic Acute 3, H402
Sodium chlorite	(CAS-No.) 7758-19-2	0.014 – 0.14	Ox. Sol. 1, H271 Acute Tox. 3 (Oral), H301 Acute Tox. 2 (Dermal), H310 Acute Tox. 2 (Inhalation:dust,mist), H330 Skin Corr. 1B, H314 Eye Dam. 1, H318 STOT RE 2, H373 Aquatic Acute 1, H400 Aquatic Chronic 3, H412
Myrcene	(CAS-No.) 123-35-3	0.0028 – 0.028	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Carc. 2, H351 Asp. Tox. 1, H304

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			Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Benzene, 1-methoxy-4-(2-propenyl)-	(CAS-No.) 140-67-0	0.0014 – 0.014	Flam. Liq. 4, H227 Acute Tox. 4 (Oral), H302 Skin Sens. 1, H317 Muta. 2, H341 Carc. 2, H351

* The actual concentration of ingredient(s) is withheld as a trade secret in accordance with the Hazardous Products Regulations (HPR) 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%). 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: 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. Obtain medical attention if irritation develops or persists.

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

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

Most Important Symptoms and Effects Both Acute and Delayed

General: Causes serious eye damage.

Inhalation: Prolonged exposure may cause irritation.

Skin Contact: Prolonged exposure may cause skin irritation.

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

Ingestion: Ingestion may cause adverse effects.

Chronic Symptoms: None expected under normal conditions of use.

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 (CO₂), 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:

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 breathe dust. Do not get in eyes, on skin, or on clothing.

For Non-Emergency Personnel

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

Emergency Procedures: Evacuate unnecessary personnel.

For Emergency Personnel

Protective Equipment: Equip cleanup crew with proper protection.

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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.

Methods and Materials for Containment and Cleaning Up

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

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

Reference to Other Sections

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

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

Precautions for Safe Handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid breathing dust. 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)

Toothpaste

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), OSHA (PEL), or Canadian provincial governments.

Sodium fluoride (7681-49-4)		
USA OSHA	OSHA PEL (TWA) [1]	2.5 mg/m ³ (as F)
USA NIOSH	NIOSH REL (TWA)	2.5 mg/m ³ (as F)
USA IDLH	IDLH	250 mg/m ³
1,2,3-Propanetriol (56-81-5)		
USA OSHA	OSHA PEL (TWA) [1]	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)
New Brunswick	OEL TWA	10 mg/m ³ (mist)
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 TWA)	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)

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Titanium dioxide (13463-67-7)		
USA ACGIH	ACGIH OEL TWA	10 mg/m ³
USA ACGIH	ACGIH chemical category	Not Classifiable as a Human Carcinogen
USA OSHA	OSHA PEL (TWA) [1]	15 mg/m ³ (total dust)
USA NIOSH	NIOSH REL (TWA)	2.4 mg/m ³ (CIB 63-fine) 0.3 mg/m ³ (CIB 63-ultrafine, including engineered nanoscale)
USA IDLH	IDLH	5000 mg/m ³
Alberta	OEL TWA	10 mg/m ³
British Columbia	OEL TWA	10 mg/m ³ (total dust) 3 mg/m ³ (respirable fraction)
Manitoba	OEL TWA	10 mg/m ³
New Brunswick	OEL TWA	10 mg/m ³
Newfoundland & Labrador	OEL TWA	10 mg/m ³
Nova Scotia	OEL TWA	10 mg/m ³
Nunavut	OEL STEL	20 mg/m ³
Nunavut	OEL TWA	10 mg/m ³
Northwest Territories	OEL STEL	20 mg/m ³
Northwest Territories	OEL TWA	10 mg/m ³
Ontario	OEL TWA	10 mg/m ³
Prince Edward Island	OEL TWA	10 mg/m ³
Québec	VEMP (OEL TWA)	10 mg/m ³ (containing no Asbestos and <1% Crystalline silica-total dust)
Saskatchewan	OEL STEL	20 mg/m ³
Saskatchewan	OEL TWA	10 mg/m ³
Yukon	OEL STEL	20 mg/m ³
Yukon	OSHA TWA (mppcf)	30 mppcf 10 mg/m ³
Tetrasodium pyrophosphate (7722-88-5)		
USA NIOSH	NIOSH REL (TWA)	5 mg/m ³
New Brunswick	OEL TWA	5 mg/m ³
Nunavut	OEL STEL	10 mg/m ³
Nunavut	OEL TWA	5 mg/m ³
Northwest Territories	OEL STEL	10 mg/m ³
Northwest Territories	OEL TWA	5 mg/m ³
Ontario	OEL TWA	5 mg/m ³
Québec	VEMP (OEL TWA)	5 mg/m ³
Saskatchewan	OEL STEL	10 mg/m ³
Saskatchewan	OEL TWA	5 mg/m ³
D-Limonene (5989-27-5)		
USA AIHA	WEEL TWA [ppm]	30 ppm

Exposure Controls

Appropriate Engineering Controls: 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.



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

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

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

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

Respiratory Protection: For occupational/workplace settings: If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

Other Information: When using, do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	: Liquid
Appearance	: White, opaque
Odor	: Minty
Odor Threshold	: No data available
pH	: 8.5
Evaporation Rate	: No data available
Melting Point	: No data available
Freezing Point	: No data available
Boiling Point	: No data available
Flash Point	: No data available
Auto-ignition Temperature	: No data available
Decomposition Temperature	: No data available
Flammability (solid, gas)	: No data available
Lower Flammable Limit	: No data available
Upper Flammable Limit	: No data available
Vapor Pressure	: No data available
Relative Vapor Density at 20°C	: No data available
Relative Density	: 1.5 – 1.55 (Water=1)
Density	: 1.5 g/cm ³
Specific Gravity	: No data available
Solubility	: No data available
Partition Coefficient: N-Octanol/Water	: No data available
Viscosity	: No data available

SECTION 10: STABILITY AND REACTIVITY

Reactivity:

Hazardous reactions will not occur under normal conditions.

Chemical Stability:

Stable under recommended handling and storage conditions (see section 7).

Possibility of Hazardous Reactions:

Hazardous polymerization will not occur.

Conditions to Avoid:

Direct sunlight, extremely high or low temperatures, and incompatible materials.

Incompatible Materials:

Strong acids, strong bases, strong oxidizers.

Hazardous Decomposition Products:

Not expected to decompose under ambient conditions.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects - Product

Acute Toxicity (Oral): Not classified

Acute Toxicity (Dermal): Not classified

Acute Toxicity (Inhalation): Not classified

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LD50 and LC50 Data:

No additional information available

Skin Corrosion/Irritation: Not classified.

pH: 8.5

Eye Damage/Irritation: Causes serious eye damage.

pH: 8.5

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: Prolonged exposure may cause skin irritation.

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: None expected under normal conditions of use.

Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data:

Sodium fluoride (7681-49-4)	
LD50 Oral Rat	148.5 mg/kg
LD50 Dermal Rat	> 2000 mg/kg (no details given)
Sodium saccharin (128-44-9)	
LD50 Oral Rat	10000 mg/kg
Sodium bicarbonate (144-55-8)	
LD50 Oral Rat	7.3 g/kg
1,2,3-Propanetriol (56-81-5)	
LD50 Oral Rat	12600 mg/kg
LD50 Dermal Rabbit	> 10 g/kg
LC50 Inhalation Rat	> 2.75 mg/l/4h (No mortalities)
Titanium dioxide (13463-67-7)	
LD50 Oral Rat	> 10000 mg/kg
LC50 Inhalation Rat	5.09 mg/l/4h
Sulfuric acid, mono-C12-14-alkyl esters, sodium salts (85586-07-8)	
LD50 Oral Rat	> 1000 mg/kg
ATE US/CA (oral)	500.00 mg/kg body weight
Tetrasodium pyrophosphate (7722-88-5)	
LD50 Oral Rat	1624 mg/kg (Species: Sprague-Dawley derived, albino)
LD50 Dermal Rabbit	> 2000 mg/kg
Glycine, N-methyl-N-(1-oxododecyl)-, sodium salt (137-16-6)	
LD50 Oral Rat	> 5000 mg/kg
LC50 Inhalation Rat	0.5 mg/l/4h
Cyclohexanol, 5-methyl-2-(1-methylethyl)-, (1.alpha.,2.beta.,5.alpha.)- (89-78-1)	
LD50 Oral Rat	3180 mg/kg
LC50 Inhalation Rat	5289 mg/m ³ (Exposure time: 4 h)
Benzene, 1-methoxy-4-(1-propenyl)-, (E)- (4180-23-8)	
LD50 Oral Rat	2090 mg/kg
LD50 Dermal Rabbit	> 4900 mg/kg
LC50 Inhalation Rat	> 5.1 mg/l/4h
(-)-Carvone (6485-40-1)	

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LD50 Oral Rat	5400 mg/kg body weight
LD50 Dermal Rat	> 2000 mg/kg
Carvone (99-49-0)	
LD50 Oral Rat	1640 mg/kg
LD50 Dermal Rat	> 4000 mg/kg
D-Limonene (5989-27-5)	
LD50 Oral Rat	4400 mg/kg
LD50 Dermal Rabbit	> 5 g/kg
Myrcene (123-35-3)	
LD50 Oral Rat	> 5 g/kg
LD50 Dermal Rabbit	> 5 g/kg
1,8-Cineol (470-82-6)	
LD50 Oral Rat	2480 mg/kg
Benzene, 1-methoxy-4-(2-propenyl)- (140-67-0)	
LD50 Oral Rat	1230 mg/kg
LD50 Dermal Rabbit	> 5000 mg/kg
Sodium chlorite (7758-19-2)	
LD50 Oral Rat	165 mg/kg
LD50 Dermal Rabbit	107.2 mg/kg
LC50 Inhalation Rat	230 mg/m ³ (Exposure time: 4 h)
Sodium fluoride (7681-49-4)	
IARC Group	3
Sodium saccharin (128-44-9)	
IARC Group	3
Silica, amorphous, precipitated and gel (112926-00-8)	
IARC Group	3
Titanium dioxide (13463-67-7)	
IARC Group	2B
OSHA Hazard Communication Carcinogen List	In OSHA Hazard Communication Carcinogen list.
D-Limonene (5989-27-5)	
IARC Group	3
National Toxicology Program (NTP) Status	Evidence of Carcinogenicity.
Myrcene (123-35-3)	
IARC Group	2B
National Toxicology Program (NTP) Status	Evidence of Carcinogenicity.
OSHA Hazard Communication Carcinogen List	In OSHA Hazard Communication Carcinogen list.
Sodium chlorite (7758-19-2)	
IARC Group	3

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

Toxic to aquatic life. Harmful to aquatic life with long lasting effects. (References product as delivered only)

Sodium fluoride (7681-49-4)	
LC50 Fish 1	> 530 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus)
EC50 - Crustacea [1]	338 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 Fish 2	830 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [semi-static])
EC50 - Crustacea [2]	98 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
NOEC Chronic Crustacea	8.2 mg/l

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Sodium saccharin (128-44-9)	
LC50 Fish 1	16400 – 20400 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
Sodium bicarbonate (144-55-8)	
LC50 Fish 1	7100 mg/l Bluegill
EC50 - Crustacea [1]	4100 mg/l Daphnids
LC50 Fish 2	7700 mg/l Rainbow Trout
1,2,3-Propanetriol (56-81-5)	
LC50 Fish 1	54000 (51000 – 57000) mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
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])
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)
Tetrasodium pyrophosphate (7722-88-5)	
EC50 - Crustacea [1]	391 mg/l
EC50 - Crustacea [2]	> 100 mg/l (Read across: tetrapotassium pyrophosphate, Species: Daphnia magna)
Glycine, N-methyl-N-(1-oxododecyl)-, sodium salt (137-16-6)	
LC50 Fish 1	107 mg/l (Exposure time: 96 h - Species: Danio rerio)
Cyclohexanol, 5-methyl-2-(1-methylethyl)-, (1.alpha.,2.beta.,5.alpha.)- (89-78-1)	
ErC50 algae	16.2 mg/l (Exposure time: 72 h - Species: Desmodesmus subspicatus)
Benzene, 1-methoxy-4-(1-propenyl)-, (E)- (4180-23-8)	
LC50 Fish 1	7 mg/l (Exposure time: 96 h - Species: Danio rerio)
EC50 - Crustacea [1]	4.25 mg/l (Exposure time: 48 h - Species: Daphnia magna)
D-Limonene (5989-27-5)	
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)
Myrcene (123-35-3)	
EC50 - Crustacea [1]	0.45 mg/l
1,8-Cineol (470-82-6)	
LC50 Fish 1	95.4 – 109 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 - Crustacea [1]	> 100 mg/l (Exposure time: 48 h - Species: Daphnia magna [static])
ErC50 algae	> 74 mg/l (Exposure time: 72 h - Species: Pseudokirchneriella subcapitata [static])
NOEC Chronic Fish	32 mg/l
Sodium chlorite (7758-19-2)	
LC50 Fish 1	100 – 500 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static])
EC50 - Crustacea [1]	0.026 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 Fish 2	> 100 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
EC50 - Crustacea [2]	0.25 – 0.33 mg/l (Exposure time: 48 h - Species: Daphnia magna [Flow through])

Persistence and Degradability

Arm & Hammer™ + TheraBreath Toothpaste	
Persistence and Degradability	Not established.

Bioaccumulative Potential

Arm & Hammer™ + TheraBreath Toothpaste	
Bioaccumulative Potential	Not established.

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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).

Sodium saccharin (128-44-9)	
Partition coefficient n-octanol/water (Log Pow)	-2.227 (at 25 °C)
1,2,3-Propanetriol (56-81-5)	
BCF Fish 1	(no bioaccumulation)
Partition coefficient n-octanol/water (Log Pow)	-1.75 (at 25 °C (at pH 7.4)
Sulfuric acid, mono-C12-14-alkyl esters, sodium salts (85586-07-8)	
BCF Fish 1	2.1 – 11
Cyclohexanol, 5-methyl-2-(1-methylethyl)-, (1.alpha.,2.beta.,5.alpha.)- (89-78-1)	
BCF Fish 1	0.5 – 15
Partition coefficient n-octanol/water (Log Pow)	3.4 (at 37 °C (at pH 7.2)
(-)-Carvone (6485-40-1)	
Partition coefficient n-octanol/water (Log Pow)	2.74 (at 37 °C (at pH 7.2)
D-Limonene (5989-27-5)	
Partition coefficient n-octanol/water (Log Pow)	4.38 (at 37 °C (at pH 7.2)
Myrcene (123-35-3)	
Partition coefficient n-octanol/water (Log Pow)	4.82 (at 30 °C (at pH 6.5)
1,8-Cineol (470-82-6)	
Partition coefficient n-octanol/water (Log Pow)	3.4
Benzene, 1-methoxy-4-(2-propenyl)- (140-67-0)	
Partition coefficient n-octanol/water (Log Pow)	3.4 (at 35 °C (at pH 7)
Sodium chlorite (7758-19-2)	
Partition coefficient n-octanol/water (Log Pow)	< -2.7

Mobility in Soil

No additional information available

Other Adverse Effects

Other Information: Avoid unnecessary release to the environment.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Recommendations: Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

Ecology - Waste Materials: Avoid unnecessary release to the environment.

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

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SECTION 15: REGULATORY INFORMATION

US Federal and international regulations

Arm & Hammer™ + TheraBreath Toothpaste	
SARA Section 311/312 Hazard Classes	Health hazard - Serious eye damage or eye irritation

US State Regulations

Sodium fluoride (7681-49-4)
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
Sodium saccharin (128-44-9)
U.S. - Pennsylvania - RTK (Right to Know) List U.S. - Massachusetts - Right To Know List U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances
Silica, amorphous, precipitated and gel (112926-00-8)
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
1,2,3-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
Titanium dioxide (13463-67-7)
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
Tetrasodium pyrophosphate (7722-88-5)
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
Sodium chlorite (7758-19-2)
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

Canadian Regulations

Sodium fluoride (7681-49-4)
Listed on the Canadian DSL (Domestic Substances List)
Sodium saccharin (128-44-9)
Listed on the Canadian DSL (Domestic Substances List)
Sodium bicarbonate (144-55-8)
Listed on the Canadian DSL (Domestic Substances List)
1,2,3-Propanetriol (56-81-5)
Listed on the Canadian DSL (Domestic Substances List)
Titanium dioxide (13463-67-7)
Listed on the Canadian DSL (Domestic Substances List)
Tetrasodium pyrophosphate (7722-88-5)
Listed on the Canadian DSL (Domestic Substances List)
Glycine, N-methyl-N-(1-oxododecyl)-, sodium salt (137-16-6)
Listed on the Canadian DSL (Domestic Substances List)

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Cyclohexanol, 5-methyl-2-(1-methylethyl)-, (1.alpha.,2.beta.,5.alpha.)- (89-78-1)
Listed on the Canadian DSL (Domestic Substances List)
Benzene, 1-methoxy-4-(1-propenyl)-, (E)- (4180-23-8)
Listed on the Canadian DSL (Domestic Substances List)
(-)-Carvone (6485-40-1)
Listed on the Canadian DSL (Domestic Substances List)
Carvone (99-49-0)
Listed on the Canadian DSL (Domestic Substances List)
D-Limonene (5989-27-5)
Listed on the Canadian DSL (Domestic Substances List)
Cyclohexanone, 5-methyl-2-(1-methylethyl)-, cis- (491-07-6)
Listed on the Canadian DSL (Domestic Substances List)
Myrcene (123-35-3)
Listed on the Canadian DSL (Domestic Substances List)
1,8-Cineol (470-82-6)
Listed on the Canadian DSL (Domestic Substances List)
Benzene, 1-methoxy-4-(2-propenyl)- (140-67-0)
Listed on the Canadian DSL (Domestic Substances List)
Sodium chlorite (7758-19-2)
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	: Issue Date 08/14/2023
Other Information	: Other Information: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200. 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.

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GHS Full Text Phrases:

H226	Flammable liquid and vapor
H227	Combustible liquid
H271	May cause fire or explosion; strong oxidizer
H301	Toxic if swallowed
H302	Harmful if swallowed
H304	May be fatal if swallowed and enters airways
H310	Fatal 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
H341	Suspected of causing genetic defects
H351	Suspected of causing cancer
H373	May cause damage to organs through prolonged or repeated exposure
H400	Very toxic to aquatic life
H401	Toxic to aquatic life
H402	Harmful to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

This Product Safety Data Sheet is offered solely for your information, consideration and investigation. Church & Dwight Co., Inc. provides no warranties; either expressed or implied, and assumes no responsibility for the accuracy or completeness of data contained herein. Church & Dwight Co., Inc. urges persons receiving this information to make their own determination as to the information suitability for their particular application.

NA GHS SDS 2015 (Can, US)