

CHURCH & DWIGHT CO., INC.

CONSUMER PRODUCTS • SPECIALTY PRODUCTS



MATERIAL SAFETY DATA SHEET

MSDS NUMBER: MSDS-522

ISSUE DATE: 08/20/09

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1. PRODUCT AND COMPANY IDENTIFICATION

Church & Dwight Co., Inc.
469 N. Harrison Street
Princeton, NJ 08540

ARM & HAMMER Whitening Booster Plus Enamel Strengthening

Product Use: Oral Care
Chemical Name: Mixture
Chemical Formula: Mixture
Synonyms/Common Names: Toothpaste

Emergency Phone:
1-800-424-9300
Medical Emergency Phone:
1-888-234-1828
Information Phone:
1-800-786-5135

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

White paste, blue beads
Mint taste and odor.
Not a fire hazard; not an environmental hazard.
Slight eye irritation potential.
Spills will cause slippery conditions.

Potential Health Effects

EYE: Irritating, but will not cause permanent injury. Effects will be minimized with washing.

SKIN CONTACT: Not a skin irritant.

INGESTION: Not considered toxic by ingestion. Swallowing large amounts (tablespoonfuls) may result in abdominal discomfort.

INHALATION: None known.

SUBCHRONIC EFFECTS/CARCINOGENICITY: None.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Ingredient</u>	<u>% By Wt.</u>	<u>CAS Number</u>	<u>EXPOSURE LIMITS</u>	
			<u>OSHA</u>	<u>ACGIH</u>
Sodium Bicarbonate	40-60%	114-55-8	None	None
Sodium lauryl sulfate	1-5%	151-21-3	None	None
PEG/PPG 38/8 Copolymer	20-40%	9003-11-6	None	None
Sodium Percarbonate	1-3%	10332-33-9	None	None
Sodium Fluoride	0-1%	7681-49-4	8-hr TWA (as F): 2.5 mg/m ³	2.5 mg/m ³
Sodium Saccharin	0.5-2%	128-44-9	None	None
Fumed Silica	1-4%	112945-52-5	8-hour TWA: 80 mg/m ³ %SiO ₂	10 mg/m ³



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Calcium Sulfate	3-8%	7778-18-9	Total Dust:	15 mg/m ³	10 mg/m ³
			Respirable	5 mg/m ³	
			(resp. amount)	5 mg/m ³	3 mg/m ³

Exempt from OSHA and WHMIS as a packaged consumer drug and cosmetic product.

*OSHA nuisance dust is the same as Particulates Not Otherwise Regulated (PNOR).

ACGIH nuisance dust refers to Particulates Not Otherwise Classified (PNOC).

4. FIRST AID MEASURES

EYES: Flush with clean flowing water, low pressure and luke warm (not hot) if possible. Flush for 15 minutes or until irritation subsides. If irritation persists, seek medical attention.

INGESTION: Induce vomiting if large amounts are ingested. Keep airway clear. Seek medical attention.

NOTE TO PHYSICIAN: Large doses may cause alkalosis. Normal body mechanisms will handle the excretion of excess material and permit recovery. Treatment based on judgement of physician in response to reactions of patient.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

FLASHPOINT: Not combustible

METHOD USED: Not applicable

EXTINGUISHING MEDIA: Non-combustible material. Use extinguishing media appropriate for surrounding fire.

FIRE-FIGHTING INSTRUCTIONS: Carbon Dioxide may be generated by thermal decomposition. Firefighters should wear full bunker gear and a self-contained breathing apparatus in any closed place.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

FLAMMABLE LIMITS

LFL: Not applicable

UFL: Not applicable

6. ACCIDENTAL RELEASE MEASURES

Scoop up into a waste container. Wash away small quantities of residual material with water. Product spills will present a slipping hazard. Use caution during cleanup and flush area thoroughly.

7. HANDLING AND STORAGE

For bulk containers and case quantities: Keep containers closed and store product at ambient temperature.

Avoid freezing or excessive heat. Avoid getting product in eyes.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE CONTROLS: Not established for these products. Refer to Section 2 for ingredient exposure limits.

RESPIRATORY PROTECTION: None required for bulk paste. Refer to ingredient MSDS for respiratory protection requirements related to handling and exposure to specific ingredients.

PROTECTIVE GLOVES: Not normally required. Impervious gloves recommended if handling bulk product, as in spill cleanup for example.

EYE PROTECTION: Not normally required. Safety glasses or goggles recommended when handling bulk product cleanup or transfer to containers.



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OTHER PROTECTIVE CLOTHING OR EQUIPMENT: No special requirements.

PROTECTIVE WORK/HYGENIC PRACTICES: No special personal protection requirements with respect to product exposure beyond those mentioned above. Use good hygienic practices in the workplace.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: White opaque paste, blue beads

ODOR: Mint

PHYSICAL STATE: Solid/Paste

pH (10% Soln. w/v): Range 8.0 - 8.5

VAPOR PRESSURE: Not determined

VAPOR DENSITY: Not determined

BOILING POINT: Not determined

FREEZING/MELTING POINT: Not determined

SOLUBILITY IN WATER: Completely miscible and moderately soluble.

SPECIFIC GRAVITY (water = 1): Approximately 1.62

APPARENT DENSITY (g/cc): 1.62 g/cc

% VOLATILE: Not applicable.

MOLECULAR WEIGHT: Not applicable (mixture)

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable.

CONDITIONS TO AVOID: For product integrity, avoid temperatures above 130°F. Products contain flavor which is subject to degradation at prolonged elevated temperatures.

INCOMPATIBILITY WITH OTHER MATERIALS: Contact with acids will generate carbon dioxide.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition will result in the release of carbon monoxide and carbon dioxide.

HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: Slight to moderate irritation possible. Washing will decrease irritation effect and duration.

SKIN: Not a primary skin irritant. Over-exposure may cause mild irritation. Human long-term safety-in-use studies on similar toothpaste products resulted in no significant product-related oral irritation effects.

ACUTE ORAL EFFECTS: Considered practically non-toxic. Oral LD₅₀ > 5g/kg.

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

Any disposal practice must be in compliance with local, state and federal regulations. Local and state laws may be different than federal. Be sure to consult with local and state agencies for specific rules. Landfill this product in accordance with all applicable regulations. Dilute and drain small amounts to sewer.

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14. TRANSPORTATION INFORMATION

D.O.T. SHIPPING NAME: Not regulated

15. REGULATORY INFORMATION

CONSUMER USE

USA: Regulated by Federal Food, Drug and Cosmetic Act, Consumer Product Safety Act, and Federal Hazardous Substances Act. As such, these products are exempt from the OSHA requirements under 29 CFR 1910.1200.

CANADA: Regulated by the Food and Drugs Act and Hazardous Products Act, and as such, are exempt from WHMIS.

UK: Products sold in the UK (a member state of the European Union) are regulated under the EC Cosmetics Directive 76/768/EEC via The Cosmetic Products (Safety) Regulations of 1989 as amended.

The ingredients in these products are reported in the U.S. EPA TSCA Inventory, Canadian DSL, and European Inventory (EINECS).

ENVIRONMENTAL

If these products become waste, they do not meet the definition of a hazardous waste by listing or characteristic.

16. OTHER INFORMATION

SUPERSEDES DATE: NEW

REASON FOR REVISION: NEW

For additional non-emergency health, safety and environmental information telephone 609.279.7705 or write to:

Church & Dwight Co. Inc.
Product Stewardship
469 North Harrison Street
Princeton, New Jersey 08543

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