

# CHURCH & DWIGHT CO., INC.

CONSUMER PRODUCTS • SPECIALTY PRODUCTS



## MATERIAL SAFETY DATA SHEET

MSDS NUMBER: MSDS-502

ISSUE DATE: 10/10/06

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### 1. PRODUCT IDENTIFICATION

Product Name

Emergency Phone:

1-609-683-5900 (USA)

A. ARM & HAMMER PEROXICARE® TOOTHPASTE

B. ARM & HAMMER PEROXICARE® TARTAR CONTROL TOOTHPASTE

C. ARM & HAMMER DENTAL CARE® ADVANCE WHITE™

(Baking Soda and Peroxide plus Tartar Control)

D. ARM & HAMMER DENTAL CARE® P.M.™ BOLD MINT

E. ARM & HAMMER® COMPLETE CARE plus Extra Whitening (Peroxide Formula)

Medical Emergency Phone:

1-888-234-1828

### 2. 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 Fluoride	0.24	007681-49-4	8-hr TWA(as F):	2.5 mg/m <sup>3</sup>	2.5 mg/m <sup>3</sup>
Sodium Carbonate Peroxide	1-5	015630-89-4	nuisance dust:	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>
Sodium Saccharin	1-5	000128-44-9	nuisance dust:	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>
Amorphous Silica	1-5	112945-52-5	nuisance dust:	80 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>
				%SiO <sub>2</sub>	

Workplace Considerations: Contains no other hazardous ingredients listed or defined in 29 CFR 1910, Subpart Z, at greater than 1% (and 0.1% for carcinogens).

Exempt from OSHA as packaged consumer drug and cosmetic products.

### 3. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

Opaque white paste (with an opaque green stripe for Products A and B); minty taste and odor.

Not a fire hazard; not an environmental hazard.

Slight eye irritation potential.

Spills will cause slippery conditions.

#### Potential Health Effects

EYE: May be 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.

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**SUBCHRONIC EFFECTS/CARCINOGENICITY:** These products contain sodium saccharin. For hazard communication purposes: IARC concludes that saccharin cannot be classified as a carcinogen. In the NTP Ninth Report on Carcinogens, saccharin was removed from the list of substances reasonably anticipated to be a human carcinogen. Through its intended use and any inadvertent low level long term ingestion, the product is not expected to result in any hazardous condition.

### 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

**FLAMMABLE LIMITS**  
**LFL:** Not applicable  
**UFL:** 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.

### 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

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

**RESPIRATORY PROTECTION:** None required for bulk paste. Refer to ingredient MSDSs 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.

**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:** Opaque white paste (with an opaque green stripe for Products A and B)

**ODOR:** Minty

**PHYSICAL STATE:** 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 1.54

**APPARENT DENSITY (g/cc):** 12.8 lbs/gal

**% VOLATILE:** Approximately 1%

**MOLECULAR WEIGHT:** Not applicable (mixture)

### 10. STABILITY AND REACTIVITY

**CHEMICAL STABILITY:** Stable.

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**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 and oxygen.

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

**HAZARDOUS POLYMERIZATION:** Will not occur.

### 11. TOXICOLOGICAL INFORMATION

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

**SKIN/MUCOSAL EFFECTS:** Not a primary skin irritant. Over-exposure may cause mild irritation in some people. Human efficacy and safety-in-use studies resulted in no significant product-related oral irritation effects.

**ACUTE ORAL EFFECTS:** Considered practically non-toxic. Single dose LD<sub>50</sub> > 5g/kg.

### 12. ECOLOGICAL INFORMATION

No data available

### 13. DISPOSAL CONSIDERATION

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 (such as spill residues) to sewer.

### 14. TRANSPORTATION INFORMATION

D.O.T. SHIPPING NAME: Not regulated

TECHNICAL SHIPPING NAME: Toothpaste

D.O.T. HAZARD CLASS: None

U.N./N.A. NUMBER: None

HAZARDOUS SUBSTANCE/RQ: None

D.O.T. LABEL: None

D.O.T. PLACARD: None

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### 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.

#### ENVIRONMENTAL

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

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

The ingredients in these products are not listed as human carcinogens or potential carcinogens by IARC Group I or II, OSHA 29CFR Part 1910, Subpart Z, and ACGIH Appendix A.

### 16. OTHER INFORMATION

SUPERSEDES DATE: 07/26/002

REVISION: new product A& H COMPLETE CARE plus Extra Whitening.

This Product Safety Data Sheet is offered solely for your information, consideration and investigation. Church & Dwight Co., Inc. provides no warranties, either express 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.

