

# CHURCH & DWIGHT CO., INC.

CONSUMER PRODUCTS • SPECIALTY PRODUCTS



## MATERIAL SAFETY DATA SHEET

MSDS NUMBER: MSDS-122

ISSUE DATE: 05/18/06

PAGE 1 OF 5

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name

CAMEO COPPER CLEANER

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

Emergency Phone:

1-609-683-5900 (USA)

Medical Emergency Phone:

1-800-228-5635

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENTS</u>	<u>CAS Number</u>	<u>%</u>	<u>ACGIH TWA</u>	<u>OSHA TWA</u>
Nepheline Syenite	37244-96-5	80-90%	None	5 mg/m <sup>3</sup> (resp) PNOG
Sodium Chloride	7647-14-5	5-7%	None	None
Sodium xylene sulfonate	1300-72-7	2-5%	None	None
Sulfamic Acid	5329-14-6	2-7%	None	None

### 3. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

White powder.  
May cause skin irritation.  
Eye irritant. May cause burns and corneal abrasions.  
May cause upper respiratory irritation.  
Ingestion may cause burns to the mouth, pharynx, esophagus and stomach.

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 MSDS differ from the labeling requirements of the CPSC and, as a result, this MSDS may contain additional health hazard information not pertinent to consumer use and not found on the product label.

HMIS Rating

Health	2
Fire	1
Reactivity	1

#### POTENTIAL HEALTH EFFECTS

EYE: May cause severe eye irritation with possible burns and corneal abrasions.

# CHURCH & DWIGHT CO., INC.

CONSUMER PRODUCTS • SPECIALTY PRODUCTS



## MATERIAL SAFETY DATA SHEET

MSDS NUMBER: MSDS-122

ISSUE DATE: 05/18/06

PAGE 2 OF 5

SKIN CONTACT: May cause irritation upon prolonged, repeated or occluded contact.

INGESTION: May cause pain and burns to mucous membranes, the esophagus and stomach, with vomiting and diarrhea.

INHALATION: Exposure to high dust concentrations may cause physical discomfort of the upper respiratory tract with coughing, difficulty breathing, dryness, and sore throat.

SUBCHRONIC EFFECTS/CARCINOGENICITY: Pumice is a form of amorphous silica. Not classified as a carcinogen by NTP, OSHA, ACGIH or NIOSH. Listed by IARC as Group 3 (not classifiable as to carcinogenicity in humans).

#### 4. FIRST AID MEASURES

SKIN: Rinse affected area with mild soap and large amounts of water until no evidence of product remains. Get medical attention if irritation persists.

EYES: Immediately rinse eyes with plenty of clean, flowing water, occasionally lifting upper and lower eyelids. Flush for at least 15 minutes. Get medical attention if pain or irritation persists.

INHALATION: Immediately move affected person from area of exposure to fresh air. Treat symptomatically and supportively. Get medical attention or contact a local poison control center. If breathing has stopped, give artificial respiration and get immediate medical attention.

INGESTION: Maintain airway and respiration. If vomiting occurs, keep head below hips to prevent aspiration. Dilution by rinsing the mouth and giving water or milk to drink is generally recommended. **Do not attempt to give anything orally to an unconscious person.** Treat symptomatically and supportively. Get medical attention or contact local poison control.

#### 5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:

FLASHPOINT: Not Determined

FLAMMABLE LIMITS:

LFL: Not Determined

UFL: Not Determined

EXTINGUISHING MEDIA: Dry chemical, carbon dioxide, water spray, fog or regular foam.

FIRE-FIGHTING INSTRUCTIONS: Move containers from area if you can do so without risk. Keep upwind and avoid breathing vapors. Use extinguishing agents suitable for surrounding fire. Do not scatter spilled material with high-pressure water streams. Dike fire-control water for later disposal. Wear proper full protective equipment and a self-contained breathing apparatus (SCBA) with full face piece operated in positive pressure mode.

UNUSUAL FIRE AND EXPLOSION HAZARDS: The fire hazard for this product has not been determined. The product is expected to pose a slight fire hazard when exposed to heat or flame based on the most severe hazards of the components. Dust-air mixtures may ignite or explode.

# CHURCH & DWIGHT CO., INC.

CONSUMER PRODUCTS • SPECIALTY PRODUCTS



## MATERIAL SAFETY DATA SHEET

MSDS NUMBER: MSDS-122

ISSUE DATE: 05/18/06

PAGE 3 OF 5

### 6. ACCIDENTAL RELEASE MEASURES

Close off area to traffic. Wear personal protective equipment (See Section 8). Avoid generating dusts. Clean up spill immediately by mopping, washing, or vacuuming with vacuum cleaner equipped with a HEPA filter. Place collected material in clean, dry containers for disposal as regulations permit (See Section 12). Do not flush spilled material into sewer.

### 7. HANDLING AND STORAGE

Store away from incompatible materials (See Section 10). Avoid breakage or damage to packaged product.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**VENTILATION:** Provide local exhaust ventilation and dust collection systems where dusts may be generated in order to not exceed established permissible exposure limits.

**RESPIRATORY PROTECTION:** Air contamination monitoring should be conducted where dusts may be generated to ensure that workers are not exposed to harmful concentrations above the permissible exposure limits. If respiratory protection is required, wear a NIOSH approved respirator appropriate for the type of contaminants and the contamination levels found in the workplace. Clean, maintain, and fit test respirators in accordance with OSHA regulations.

**PROTECTIVE GLOVES:** Wear chemical-resistant gloves where prolonged or repeated skin contact may occur.

**EYE PROTECTION:** Dust resistant safety goggles should be worn to prevent eye contact where dusty conditions may occur.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Wear protective clothing where repeated or prolonged skin contact may occur. Wash or vacuum clothing which has become dusty.

**PROTECTIVE WORK/HYGIENIC PRACTICES:** No special requirements with respect to chemical workplace exposure beyond those noted above. Specific requirements with respect to equipment and applications are the responsibility of the handler/user.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** White powder.

**ODOR:** Pleasant (wintergreen)

**PHYSICAL STATE:** Solid

**pH (10% slurry):** 4 - 5

**SOLUBILITY IN WATER:** Practically insoluble

**VAPOR PRESSURE:** Not determined

**% VOLATILES:** Negligible

### 10. STABILITY AND REACTIVITY

**CHEMICAL STABILITY:** Stable under normal temperatures and pressures.

**CONDITIONS TO AVOID:** Contact with incompatible materials.

# CHURCH & DWIGHT CO., INC.

CONSUMER PRODUCTS • SPECIALTY PRODUCTS



## MATERIAL SAFETY DATA SHEET

MSDS NUMBER: MSDS-122

ISSUE DATE: 05/18/06

PAGE 4 OF 5

INCOMPATIBILITY WITH OTHER MATERIALS: Strong acids and oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may produce toxic oxides of sulfur and carbon.

HAZARDOUS POLYMERIZATION: Has not been reported to occur under normal temperatures and pressures.

### 11. HEALTH HAZARD INFORMATION

The acute health effects described below are those, which could potentially occur for the finished product. They are based on the toxicology information available for the finished product and /or each hazardous ingredient, and are consistent with the product type and the likelihood of a specific route of exposure. Known chronic health effects related to exposure to a specific ingredient are indicated.

EYE EFFECTS: May cause eye irritation with burns and corneal abrasions. Substances with a pH of less than 2.0 are considered corrosive to the eyes.

SKIN EFFECTS: Repeated, prolonged or occluded contact may cause various severities of skin irritation.

ACUTE ORAL EFFECTS: May cause pain and burns to mucous membranes, the esophagus and stomach, with vomiting and diarrhea.

INHALATION EFFECTS: Exposure to high dust concentrations may cause physical discomfort of the upper respiratory tract with coughing, difficulty breathing, dryness and sore throat.

CHRONIC EFFECTS: Chronic toxicity testing has not been conducted on this product. Due to the nature and composition of this product, no chronic health effects are anticipated.

### 12. ECOTOXICOLOGICAL INFORMATION

There is no available information on the environmental fate and effects of this material. Due caution should be exercised to avoid the accidental release of this material to aquatic or terrestrial environments.

### 13. DISPOSAL CONSIDERATIONS

Dispose of waste product in accordance with all local, state and federal environmental regulations. State and local regulations may differ from federal. Be sure to consult with appropriate agencies for specific rules.

### 14. TRANSPORTATION INFORMATION

D.O.T. SHIPPING NAME: Not regulated. See product name.

D.O.T./E.P.A. HAZARD CLASS: Not applicable

U.N./N.A. NUMBER: Not applicable

HAZARDOUS SUBSTANCE/RQ: Not applicable

D.O.T. LABEL: Not applicable

D.O.T. PLACARD: Not applicable

# CHURCH & DWIGHT CO., INC.

CONSUMER PRODUCTS • SPECIALTY PRODUCTS



## MATERIAL SAFETY DATA SHEET

MSDS NUMBER: MSDS-122

ISSUE DATE: 05/18/06

PAGE 5 OF 5

### 15. REGULATORY INFORMATION

The ingredients in this product are reported in the U.S. EPA TSCA Inventory List.

CERCLA (40 CFR 302.4): Components present in this product at a level which could require reporting are:

None

SARA TITLE III Section 313: Toxic chemical – None

### 16. OTHER INFORMATION

SUPERSEDES DATE: 02/17/06

REASON FOR REVISION: Formulation change.

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

Church & Dwight Co. Inc.  
R & D Technical Regulatory Affairs  
469 North Harrison Street  
Princeton, New Jersey 08543

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.

