



# CHURCH & DWIGHT CO., INC.

CONSUMER PRODUCTS • SPECIALTY PRODUCTS

## MATERIAL SAFETY DATA SHEET

MSDS NUMBER: MSDS-134

ISSUE DATE: 08/28/08

PAGE 1 OF 5

### 1. PRODUCT AND COMPANY IDENTIFICATION

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

#### Product Names

**SCRUB FREE MILDEW STAIN REMOVER**  
**SCRUB FREE THICK MILDEW STAIN REMOVER**

Emergency Phone:  
1-800-424-9300 CHEMTREC

Medical Emergency Phone:  
1-888-234-1828

Chemical Name: Mixture  
Product Use: Cleaning Product  
Formula: Mixture

Information Phone:  
1-800-926-5222

### 2. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

Pale Yellow, clear liquid. Citrus character with slight bleach odor.  
Eye irritant. May cause burning and redness.  
May cause skin irritation.

Can react with alkaline materials or metals. Can emit toxic fumes if mixed with products containing chlorine or other sanitizing ingredients.  
Not a fire hazard.

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

| HMIS Rating |   |
|-------------|---|
| Health      | 1 |
| Fire        | 0 |
| Reactivity  | 0 |

#### Potential Health Effects



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PAGE 2 OF 5

EYE: Potential for severe irritation and burns if not treated immediately.

SKIN CONTACT: Varying severities of irritation are possible from prolonged, repeated, or occluded exposure to skin.

INGESTION: Ingested amounts may cause burning and pain in the mouth and throat with redness and swelling of mucous membranes.

INHALATION: Inhaled mists may cause irritation to the upper respiratory tract.

SUBCHRONIC EFFECTS/CARCINOGENICITY: None known. Not classified as carcinogenic by IARC, NTP, OSHA, OR ACGIH or NIOSH.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| <u>Chemical Ingredients</u> | <u>% By Wt.</u> | <u>CAS Number</u> |
|-----------------------------|-----------------|-------------------|
| Sodium Hypochlorite         | 2.3%            | 7681-53-0         |
| Sodium Hydroxide            | <1.0%           | 1310-73-2         |

### 4. FIRST AID MEASURES

EYES: Immediately flush eyes with a directed stream of water for at least 15 minutes, forcibly holding eyelids apart to insure complete irrigation of all eye and lid tissues. **IF IRRITATION PERSISTS GET MEDICAL ATTENTION.**

SKIN: Remove contaminated clothing, including footwear. Wash contaminated areas thoroughly with soap and water. Wash clothing before reuse. Do not reuse footwear that is contaminated on the inner surfaces. **GET MEDICAL ATTENTION IF IRRITATION DEVELOPS.**

INHALATION: Immediately move from area of exposure to fresh air. If breathing is difficult have a trained person administer oxygen. If breathing has stopped, have a trained person administer artificial respiration. **GET MEDICAL ATTENTION IMMEDIATELY.**

INGESTION: **If ingested, do not induce vomiting.** If the patient is conscious and can swallow, first rinse out mouth and then give one or two glasses of water to drink. **Never give anything by mouth to an unconscious person.** **GET IMMEDIATE MEDICAL ATTENTION.**

### 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.

#### FLAMMABLE LIMITS

LFL: Not combustible

UFL: Not combustible



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ISSUE DATE: 08/28/08

PAGE 3 OF 5

**FIRE-FIGHTING INSTRUCTIONS:** Use a self-contained breathing apparatus (SCBA) and full protective equipment (Bunker Gear).

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None known.

### **6. ACCIDENTAL RELEASE MEASURES**

Wear personal protective equipment (See Section 8). Close off area to traffic. Large spills should be contained, pumped into containers, or absorbed onto commercial absorbent and placed in containers for disposal. Flush residues to waste treatment system as permitted. Landfill solids according to all applicable regulations. Flush area thoroughly with water.

### **7. HANDLING AND STORAGE**

Wear protective equipment when handling material to prevent skin and eye contact. Store in a cool, dry area away from incompatible substances. Keep containers closed.

### **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**EXPOSURE LIMITS:** PEL = Not established TLV = Not established

**ENGINEERING CONTROLS:** General ventilation should be adequate. Use local exhaust if necessary.

**RESPIRATORY PROTECTION:** Not normally required. Wear a NIOSH/MSHA approved respirator with an organic vapor/mist cartridge where spray or mist exposure occurs, or where vapors are generated from mixes with incompatible materials.

**PROTECTIVE GLOVES:** Impervious (rubber or neoprene) gloves where contact is likely.

**EYE PROTECTION:** Wear splash-proof chemical safety goggles to avoid eye contact.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Wear impervious protective clothing where splashing may occur. Eyewash facility is recommended in work area or in close proximity.

### **9. PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE:** Pale yellow, clear liquid

**ODOR:** Citrus character with mild chlorine odor.

**PHYSICAL STATE:** Liquid

**pH AS IS:** 11.8 – 13.0

**VAPOR PRESSURE:** Not determined

**VAPOR DENSITY:** Not determined

**BOILING POINT @ 760mm Hg:** Not determined

**MELTING POINT:** Not applicable

**SOLUBILITY IN WATER % by WT:** Complete



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ISSUE DATE: 08/28/08

PAGE 4 OF 5

SURFACE TENSION: Not determined

SPECIFIC GRAVITY (Water = 1): 0.995 - 1.015 @ 20°C

VOLATILE ORGANIC COMPOUNDS: Contains <1% VOC.

### 10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Do not mix with acids or ammonia as toxic fumes may be released.

CHEMICAL STABILITY: Stable under normal conditions.

INCOMPATIBILITY WITH OTHER MATERIALS: Contact with acids and ammonia liberates toxic gases.

HAZARDOUS DECOMPOSITION PRODUCTS: Chlorine gas and oxides of sodium and nitrogen.

HAZARDOUS POLYMERIZATION: Will not occur.

### 11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: No specific data. Potential for moderate to severe irritation based on components and pH.

SKIN EFFECTS: No specific data. Various degrees of irritation may result from repeated or prolonged contact.

INGESTION: No specific data. Product is expected to be slightly toxic and can be irritating and harmful if ingested.

INHALATION: No specific data. Can be irritating to mucous membranes.

### 12. ECOTOXICOLOGICAL INFORMATION

TOXICITY: This product is expected to be toxic to aquatic animals.

PERSISTENCE: This product is not expected to persist in the environment.

BIOACCUMULATION: This product is not expected to bioaccumulate.

### 13. DISPOSAL CONSIDERATIONS

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

### 14. TRANSPORTATION INFORMATION

D.O.T. SHIPPING NAME: Corrosive Liquid, basic, inorganic, n.o.s.

TECHNICAL SHIPPING NAME: Sodium hydroxide, sodium hypochlorite mixture

HAZARD CLASS: 8

UNID: UN3266

PACKING GROUP: III

D.O.T. Label: Consumer Commodity ORM-D (Exception for Ground)



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ISSUE DATE: 08/28/08

PAGE 5 OF 5

D.O.T. Placard:

None

### 15. REGULATORY INFORMATION

TSCA: The components of this product are reported in the EPA TSCA Inventory List.

OSHA: Hazardous under 29 CFR 1910.1200

CERCLA REPORTABLE QUANTITY: CERCLA requires that releases of hazardous substances to land, air or water, which are equal to or exceed the reportable quantity (RQ) be reported to the National Response Center (800-424-8802). This product contains the following substances that would be subject to reporting requirements:

Sodium hypochlorite, RQ 100 lbs.

Sodium hydroxide, RQ 1000 lbs.

RCRA: If this material becomes waste, it would not be a hazardous waste.

SARA TITLE III:

Section 302, Extremely Hazardous Substances: None

Section 311/312, Hazardous Categories: Immediate (acute)

Section 313, Toxic Chemicals: None

### 16. OTHER INFORMATION

SUPERSEDES DATE: 04/22/05

REASON FOR REVISION: Format update

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

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

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