



# CHURCH & DWIGHT CO., INC.

CONSUMER PRODUCTS • SPECIALTY PRODUCTS

## MATERIAL SAFETY DATA SHEET

MSDS NUMBER: MSDS-1606

ISSUE DATE: 4/16/09

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### 1. PRODUCT AND COMPANY IDENTIFICATION

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

Product Names

**OxiClean Versatile Stain Remover-Free**

Emergency Phone:  
1-800-424-9300

Product Use: Cleaning product used as Laundry Booster,  
Carpet Spot Remover and Hard Surface Cleaner

Medical Emergency Phone:  
1-888-234-1828

Customer Service  
1-800-781-7529

### 2. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

White to off white powder. Eye irritant. May cause burning and redness. May cause skin irritation. Not a fire hazard. Can react with alkaline materials or metals. Can emit toxic fumes if mixed with products containing chlorine or other sanitizing ingredients. 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. Protective measures, with the exception of those indicated on the label, are not normally necessary. 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; such as appropriate protective measures to prevent eye and prolonged skin contact (glasses, goggles, rubber gloves, protective clothing) and minimize inhalation exposure (engineering controls, NIOSH-approved respiratory protection appropriate for the hazard presented) are recommended.

HMIS Rating

Health	1
Fire	0
Reactivity	0



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### Potential Health Effects

Primary Route(s) of Entry: Eyes, skin contact, inhalation, ingestion

EYE: Potential for severe irritation if not treated immediately. Corneal damage on extended exposure.

SKIN CONTACT: Varying severities of irritation are possible from prolonged, repeated, or occluded exposure to skin. Contact on a burn or other wound likely to cause stinging pain or irritation.

INGESTION: Ingested amounts may cause burning and pain in the mouth and throat with redness and swelling of mucous membranes. May cause pain, vomiting, dizziness. Harmful if swallowed.

INHALATION: Dust 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>CAS Number</u>	<u>Chemical Ingredients</u>	<u>% By Wt.</u>
0497-19-8	Sodium carbonate	50-75%
15630-89-4	Sodium carbonate peroxyhydrate	25-50%

### 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: NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. 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. GET MEDICAL ATTENTION IMMEDIATELY.

### 5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

FLASHPOINT: Not flammable

FLAMMABLE LIMITS

LFL: Not applicable



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METHOD USED: Not applicable

UFL: Not applicable

EXTINGUISHING MEDIA: CO<sub>2</sub>, powder, water spray.

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

UNUSUAL FIRE AND EXPLOSION HAZARDS: Material decomposes exothermically when damp. Rapid evolution of oxygen may increase intensity of fire.

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

Wear personal protective equipment (See Section 8). Close off area to traffic. Large spills should be contained, swept up and placed into containers for disposal.

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

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

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

EXPOSURE LIMITS: None

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

RESPIRATORY PROTECTION: Not normally required. Wear a NIOSH 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: None under normal use. Use safety glasses with side shields or full face shields for industrial use.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None. Eyewash facility is recommended in work area or in close proximity.

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

APPEARANCE: White to off white powder.

ODOR: As per fragrance

PHYSICAL STATE: Solid

pH AS IS: 10.5 (1% in H<sub>2</sub>O)

VAPOR PRESSURE: Not applicable

VAPOR DENSITY: Not applicable

BOILING POINT @ 760mm Hg: 215 °F

MELTING POINT: Not applicable

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SOLUBILITY IN WATER % by WT: 140g/l @75°F

SURFACE TENSION: Not determined

SPECIFIC GRAVITY (Water = 1): 1.06 g/cc @ 20°C

VOLATILE ORGANIC COMPOUNDS: None

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### **10. STABILITY AND REACTIVITY**

CONDITIONS TO AVOID: High temperatures (55°C, 130°F), High humidity levels, contaminants.

CHEMICAL STABILITY: Stable under normal conditions. Product will evolve oxygen upon contact with water.

INCOMPATIBILITY WITH OTHER MATERIALS: Oxidizers, reducing agents, flammable substances.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxygen evolves from contaminated material. Evolved oxygen can support combustion.

HAZARDOUS POLYMERIZATION: Will not occur.

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### **11. TOXICOLOGICAL INFORMATION**

Acute oral toxicity: Not determined

Reproductive toxicity/Teratogenicity: No components listed.

Mutagenicity: Not determined

Toxicologically synergistic products: None known.

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### **12. ECOTOXICOLOGICAL INFORMATION**

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

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

BIOACCUMULATION: This product is not expected to bioaccumulate.

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### **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.

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### **14. TRANSPORTATION INFORMATION**

DOT proper shipping name: Not regulated (Data indicates that Sodium percarbonate <60% is not an oxidizer)

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### **15. REGULATORY INFORMATION**

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

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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)

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: Sodium Percarbonate- reaction hazard.

Section 313, Toxic Chemicals: None

DSL: All components listed.

WHMIS Classification: Sodium percarbonate Class C, D2B

### 16. OTHER INFORMATION

SUPERSEDES DATE: New

REASON FOR REVISION: Formula Update

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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