



# CHURCH & DWIGHT CO., INC.

## CONSUMER PRODUCTS - SPECIALITY PRODUCTS

### MATERIAL SAFETY DATA SHEET

Product Code(s) MSDS-1605

Revision Date 08-Jun-2011

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#### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name** OxiClean Stain Remover Powder (All variants)  
**Product Code(s)** MSDS-1605

**Recommended Use** Laundry detergent  
**Product Type** Mixture  
**Synonyms** Detergent

**Manufactured by** Church & Dwight Co., Inc.  
469 N. Harrison Street  
Princeton, NJ 08543

**Emergency Telephone Number**  
1-800-424-9300

**Poison Information Center**  
**Telephone Number**  
1-888-234-1828

**Telephone inquiry**  
1-800-524-1328

For further information, please also consult our Internet site [www.churchdwight.com](http://www.churchdwight.com)

#### 2. HAZARDS IDENTIFICATION

**Appearance** White to off-white, May contain colored specks  
**Physical State** Powder  
**Odor** Fragranced to fragrance free

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** **Health Hazard** 1 **Flammability** 0 **Reactivity** 0

#### Potential Health Effects

##### **Acute Toxicity**

**Eyes** Potential for severe irritation if not treated immediately. Corneal damage on extended exposure.

**Skin** Varying severities of irritation are possible from prolonged, repeated, or occluded exposure to skin..

**Inhalation** Inhalation of dust in high concentration may cause irritation of respiratory system.

**Ingestion** Can burn mouth, throat, and stomach. Ingestion may cause irritation to mucous membranes. May be harmful if swallowed.

**Chronic Effects** None known.

**Aggravated Medical Conditions** None known

**Environmental Hazard**

See Section 12 for additional Ecological Information

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Sodium carbonate	497-19-8	50-75
Sodium percarbonate	15630-89-4	30-50
Ethoxylated alcohol C12-C16	68002-97-1	1-3
Sodium metasilicate	6834-92-0	0-2
Sodium polycarboxylate	68479-09-4	0.5-1.5

### 4. FIRST AID MEASURES

**Eye Contact**

Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids.  
Consult a physician.

**Skin Contact**

Remove and wash contaminated clothing before re-use. Wash skin with soap and water. Get medical attention if irritation develops and persists.

**Inhalation**

Move to fresh air.

**Ingestion**

Clean mouth with water and afterwards drink plenty of water. Do NOT induce vomiting.

**Notes to Physician**

Treat symptomatically

### 5. FIRE-FIGHTING MEASURES

**Flammable Properties**

Not flammable

**Flash Point**

Not flammable.

**Flammability Limits in Air**

No information available

**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

**Hazardous Combustion Products**

Carbon oxides

**Explosion Data**

**Sensitivity to Mechanical Impact**

Not sensitive

**Sensitivity to Static Discharge**

Not sensitive

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

**NFPA**

**Health Hazard** 1

**Flammability** 0

**Stability** 0

**Physical and Chemical  
Hazards** -

### 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions**

Wear protective gloves/clothing and eye/face protection.

**Methods for Containment**

Prevent further leakage or spillage if safe to do so

**Methods for Cleaning Up**

Wear protective equipment when handling material to prevent skin and eye contact.. Avoid dust formation. Clean up promptly by scoop or vacuum. Pick up and transfer to properly labeled containers.

## 7. HANDLING AND STORAGE

**Handling** Avoid breathing dusts. Avoid contact with skin and eyes. Handle in accordance with good industrial hygiene and safety practice.

**Storage** Store in a cool, dry area away from incompatible materials.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Guidelines** This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**Engineering Measures** Showers  
Eyewash stations  
Ventilation systems

### Personal Protective Equipment

#### **Eye/Face Protection**

No special protective equipment required

#### **Skin and Body Protection**

No special protective equipment required

#### **Respiratory Protection**

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations

**Hygiene Measures** Handle in accordance with good industrial hygiene and safety practice

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	White to off-white May contain colored specks	<b>Odor</b>	Fragranced to fragrance free
<b>Odor Threshold</b>	No information available	<b>Physical State</b>	Powder
<b>pH</b>	9-11(1% in water)	<b>Autoignition Temperature</b>	Not applicable
<b>Flash Point</b>	Not flammable.	<b>Boiling Point/Range</b>	102°C / 215°F
<b>Decomposition Temperature</b>	No information available	<b>Explosion Limits</b>	No information available
<b>Melting Point/Range</b>	No information available	<b>Solubility</b>	Soluble
<b>Flammability Limits in Air</b>	No information available	<b>Vapor Density</b>	No data available
<b>Specific Gravity</b>	1.06 g/cc 20 °C		
<b>Vapor Pressure</b>	No data available		
<b>VOC Content</b>	Not applicable		

## 10. STABILITY AND REACTIVITY

**Stability** Stable under normal conditions. Product will evolve oxygen upon contact with water.

**Incompatible Products** Oxidizing agents. Reducing agents. Flammable Substances.

**Conditions to Avoid** High temperatures (55°C, 130°F). High humidity levels. Contaminants.

**Hazardous Decomposition Products** Oxygen evolves from contaminated material. Evolved oxygen can support combustion.

**Hazardous Polymerization** Will not occur.

## 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

**Product Information** Product is safe for its intended use based on the formulation, testing results, and the long history of safe consumer use.

**Irritation** Irritating to eyes and skin.

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Sodium carbonate	4090 mg/kg ( Rat )		
Sodium percarbonate	1034 mg/kg ( Rat )		
Sodium metasilicate	600 mg/kg ( Rat )		

### Chronic Toxicity

**Chronic Toxicity** None known.

**Target Organ Effects** None known.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

The environmental impact of this product has not been fully investigated

Chemical Name	Toxicity to Algae	Toxicity to Fish	Microtox	Daphnia Magna (Water Flea)
Sodium carbonate		LC50= 300 mg/L Lepomis macrochirus 96 h		EC50 = 265 mg/L 48 h
Sodium percarbonate	EC50 = 70 mg/L 240 h	LC50= 70.7 mg/L Pimephales promelas 96 h		EC50 = 4.9 mg/L 48 h
Sodium metasilicate		LC50= 210 mg/L Brachydanio rerio 96 h		EC50 = 216 mg/L 96 h

**Persistence and Degradability** Product is biodegradable

**Bioaccumulation/Accumulation** Not likely to bioaccumulate

## 13. DISPOSAL CONSIDERATIONS

**Waste Disposal Method** This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements

**Contaminated Packaging** Dispose of in accordance with local regulations

Chemical Name	California Hazardous Waste Status
Sodium percarbonate	Ignitable

## 14. TRANSPORT INFORMATION

**DOT** Not regulated (data indicates that sodium percarbonate <60% is not an oxidizer)

**TDG** Not regulated

**ICAO** Not regulated

**IATA** Not regulated

**IMDG/IMO** Not regulated

## 15. REGULATORY INFORMATION

### International Inventories

Chemical Name	TSCA	DSL	EIN/ELN	ENCS	IECSC	KECL	PICCS	AICS
Sodium carbonate	Present	X	X	1-164	X	KE-31380	X	-
Sodium percarbonate	Present	X	X	(1)-419 (1)-164 (1)-143	X	-	X	X
Ethoxylated alcohol C12-C16	-	-	-	-	-	-	-	-
Sodium metasilicate	Present	X	X	1-508	X	KE-12354	X	-
Sodium polycarboxylate	XU	X	-	-	X	-	X	X

### U.S. Federal Regulations

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

#### **SARA 311/312 Hazard Categories**

Acute Health Hazard	No
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

#### **Clean Water Act**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)**

This product does not contain any substances regulated as hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act Amendments of 1990

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**U.S. State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

**International Regulations**

**Mexico - Grade**

No information available.

**Canada**

**This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.**

**WHMIS Hazard Class**

Sodium percarbonate- C, D2B

**16. OTHER INFORMATION**

**Prepared By**

Church & Dwight Co. Inc.  
Product Stewardship  
469 North Harrison Street  
Princeton, New Jersey 08543  
609.279.7705

**Revision Date**

08-Jun-2011

**Reason for Revision**

No information available

**Disclaimer**

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**End of MSDS**