

CHURCH & DWIGHT CO., INC.

CONSUMER PRODUCTS - SPECIALITY PRODUCTS

SAFETY DATA SHEET

Product Code(s) MSDS-096

Revision Date 15-Mar-2013

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1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY/UNDERTAKING

Product Name OxiClean MaxForce Pure White Liquid Additive
Product Code(s) MSDS-096

Recommended Use Additive.
Product Type Mixture
Synonyms Detergent

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

Emergency Telephone Number
CHEMTREC: +001-703-527-3887

Poison Information Center Telephone Number
+001-953-853-1925

Telephone inquiry
+001-.-?

For further information, please also consult our Internet site www.churchdwight.com

2. HAZARDS IDENTIFICATION

GHS - Classification

Supplier Chemical Supply Company Inc.

Physical Hazards

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components

Chemical Name	CAS-No	Weight %	GHS classification
Water	7732-18-5	60-80	
Alcohol Ethoxylate	68131-39-5	2-10	
Alcohol Ethoxy Sulfate	9004-82-4	2-10	
Sodium hydroxide	1310-73-2	0.5-1.5	
Subtilisins (proteolytic enzymes)	9014-01-1	0.1-1.0	Skin Irrit. 2 3

4. FIRST AID MEASURES

Eye Contact Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician

Skin Contact	Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes
Inhalation	Move to fresh air
Ingestion	Clean mouth with water and afterwards drink plenty of water
Notes to Physician	Treat symptomatically

5. FIRE-FIGHTING MEASURES

Flammable Properties

May cause fire

Suitable Extinguishing Media

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

Unsuitable Extinguishing Media

No information available.

Specific Hazards Arising from the Chemical

Keep product and empty container away from heat and sources of ignition

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

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Wear protective gloves/clothing and eye/face protection. If spilled, take caution, as material can cause surfaces to become very slippery.
Environmental Precautions	Prevent further leakage or spillage if safe to do so
Methods for Containment	Close off area of spill to traffic and use caution during cleanup.
Methods for Cleaning Up	Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly. Contain spill and pick up with absorbent material.
Other Information	Not applicable

7. HANDLING AND STORAGE

Handling	If spilled, take caution, as material can cause surfaces to become very slippery. Keep containers closed and in the original container..
Storage	Keep from freezing. Keep in properly labeled containers. Store at ambient conditions.
Incompatible Products	None known.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name	ACGIH TLV	OSHA PEL	Ontario TWAEV	Japan
Glycerin	TWA: 10 mg/m ³	TWA: 15 mg/m ³ TWA: 5 mg/m ³ (vacated) TWA: 10 mg/m ³ (vacated) TWA: 5 mg/m ³	TWA: 10 mg/m ³	
Sodium hydroxide	Ceiling: 2 mg/m ³	TWA: 2 mg/m ³ (vacated) Ceiling: 2 mg/m ³	CEV: 2 mg/m ³	Ceiling: 2 mg/m ³
Disodium octaborate tetrahydrate-Inorganic borates	TWA: 2 mg/m ³			
Subtilisins (proteolytic enzymes)		(vacated) STEL: 0.00006 mg/m ³	CEV: 0.00006 mg/m ³	

Engineering Measures

None under normal use conditions. Showers, eyewash stations, and ventilation systems.

Personal Protective Equipment

Eye/Face Protection

Goggles recommended for handling bulk liquid and for cleaning up spills..

Skin and Body Protection

Long sleeved clothing

Respiratory Protection

No special protective equipment required

Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Colorless
Odor	As per label
Odor Threshold	No information available
Decomposition Temperature °C	No information available
Freezing Point	No information available
Initial Boiling Point	No information available
Physical State	Liquid
pH	7.5 - 8.5
Flash Point	N/A
Autoignition Temperature	No data available
Boiling Point/Range	No data available
Melting Point/Range	No data availableLiquid at room temperature
Flammability Limits in Air	Upper No data available Lower No data available
Not applicable	
Explosive Properties	No information available
Oxidizing Properties	No information available
Evaporation Rate	No data available
Vapor Pressure	No data available
Vapor Density	No data available
Specific Gravity	1.03-1.05
Solubility	Completely soluble
Partition Coefficient (n-octanol/water)	No data available
Viscosity	200-500 cps
VOC Content	None

10. STABILITY AND REACTIVITY

Stability	Stable.
Conditions to Avoid	None known.
Incompatible Products	None known.
Hazardous Decomposition Products	Carbon oxides. Nitrogen oxides (NOx). Sulfur oxides.
Hazardous Reactions	None under normal processing.

11. TOXICOLOGICAL INFORMATION

Product Information

The following values are calculated based on chapter 3.1 of the GHS document (Rev. 1, 2005):

Oral	No information available.
Dermal	No information available.
Inhalation	
Gas	No information available.
Mist	No information available.

Vapor

No information available.

Component Information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Water	90 mL/kg (Rat)		
Alcohol Ethoxylate	2 g/kg (Rat)		
Alcohol Ethoxy Sulfate	1600 mg/kg (Rat)		
Glycerin	12600 mg/kg (Rat)	21900 mg/kg (Rat)	570 mg/m ³ (Rat) 1 h
Sodium hydroxide		1350 mg/kg (Rabbit)	
Subtilisins (proteolytic enzymes)	3700 mg/kg (Rat)		

Chronic Toxicity

Carcinogenicity

There are no known carcinogenic chemicals in this product

Irritation

No information available.

Corrosivity

No information available.

Sensitization

This product contains enzymes that may cause an allergic reaction to sensitized individuals.

Neurological Effects

No information available.

Mutagenic Effects

No information available.

Reproductive Toxicity

No information available

Developmental Toxicity

No information available

Target Organ Effects

No information available.

Product Information

Causes skin, eye and respiratory tract irritation

12. ECOLOGICAL INFORMATION

Ecotoxicity

EC50 (calculated) No information available.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Microtox	Daphnia Magna (Water Flea)
Glycerin		LC50 51-57 ml/L <i>Oncorhynchus mykiss</i> 96 h		EC50 > 500 mg/L 24 h
Sodium hydroxide		LC50= 45.4 mg/L <i>Oncorhynchus mykiss</i> 96 h		

Persistence and Degradability No information available

Bioaccumulation/Accumulation No information available

Mobility No information available

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method

This material, as supplied, is not a hazardous waste according to state and 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 pursuant to Federal regulations, and the applicable state requirements for the specific area of disposal. Consult the appropriate state, regional, or local regulations for additional requirements. If this material becomes a waste it is classified as US EPA waste number: D002, Corrosive.

Contaminated Packaging

Empty containers should be taken for local recycling, recovery or waste disposal

14. TRANSPORT INFORMATION

<u>IMDG/IMO</u>	Not regulated
<u>ICAO</u>	Not regulated
<u>IATA</u>	Not regulated
<u>DOT</u>	Not regulated
<u>TDG</u>	Not regulated
<u>MEX</u>	Not regulated
<u>RID</u>	Not regulated
<u>ADR</u>	Not regulated
<u>ADN</u>	Not regulated

15. REGULATORY INFORMATION

International Inventories

REACH Title VII Restrictions No information available.

16. OTHER INFORMATION

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

Revision Date 15-Mar-2013

Reason for Revision No information available

Disclaimer

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