



CHURCH & DWIGHT CO., INC.

CONSUMER PRODUCTS - SPECIALITY PRODUCTS

MATERIAL SAFETY DATA SHEET

Product Code(s) MSDS-1704

Revision Date 03-Mar-2011

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1. PRODUCT AND COMPANY IDENTIFICATION

Product Name OXICLEAN MAX Force Laundry Stain Remover
Product Code(s) MSDS-1704

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

2. HAZARDS IDENTIFICATION

Appearance White, Opaque **Physical State** Liquid **Odor** Solvent, fragrance

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** 2 **Flammability** 0 **Reactivity** 0

Potential Health Effects

Acute Toxicity

Eyes Severely irritating to eyes.
Skin Irritating to skin. Prolonged or repeated contact may dry skin and cause irritation.
Inhalation If mists are generated, they may cause mucous membrane and upper respiratory irritation. Enzymes may cause an allergic reaction to sensitized individuals..
Ingestion Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chronic Effects Repeated or prolonged skin contact may cause skin irritation and/or dermatitis and sensitization of susceptible persons.

Aggravated Medical Conditions None known

Environmental Hazard See Section 12 for additional Ecological Information

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Water	7732-18-5	80-90
Alcohol Ethoxylate	68131-39-5	10-18%
Propylene Glycol	57-55-6	1-5
Subtilisins (proteolytic enzymes)	9014-01-1	0-2

4. FIRST AID MEASURES

Eye Contact	In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.
Skin Contact	Wash skin with soap and water. Remove and wash contaminated clothing before re-use. If skin irritation persists, call a physician.
Inhalation	Move to fresh air.
Ingestion	Never give anything by mouth to an unconscious person. Drink 1 or 2 glasses of water. Do NOT induce vomiting. Consult a physician if necessary.
Notes to Physician	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flammable Properties	Not flammable.
Flash Point	Not flammable.
Flammability Limits in Air	Not flammable
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 2	Flammability 0	Stability 0	Physical and Chemical Hazards -
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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.
Methods for Containment	Prevent further leakage or spillage if safe to do so.
Methods for Cleaning Up	Soak up with inert absorbent material. Prevent product from entering drains. Pick up and transfer to properly labeled containers. Keep in suitable and closed containers for disposal.

7. HANDLING AND STORAGE

Handling	Avoid contact with product and promptly clean up spills. Do not reuse container. Keep containers closed and in the original container..
Storage	Store at ambient conditions. Keep in properly labeled containers. Keep from freezing. Keep away from direct sunlight. Keep away from heat.

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.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Subtilisins (proteolytic enzymes) 9014-01-1	Ceiling: 0.00006 mg/m ³	(vacated) STEL: 0.00006 mg/m ³	STEL: 0.00006 mg/m ³

Engineering Measures Showers
Eyewash stations
Ventilation systems

Personal Protective Equipment

Eye/Face Protection

Avoid contact with eyes. Goggles recommended for handling bulk liquid and for cleaning up spills..

Skin and Body Protection

Clean full cover clothing is sufficient under normal exposure conditions.. Impervious gloves for handling bulk material and during cleanup of spills.. Selection of specific items such as aprons, boots, etc., will depend on degree of exposure under other specific use conditions..

Respiratory Protection

None required under normal usage. This product contains enzymes which may cause an allergic reaction to sensitized individuals.

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White Opaque	Odor	Solvent, fragrance
Odor Threshold	No information available	Physical State	Liquid
pH	8.25	Autoignition Temperature	N/A
Flash Point	Not flammable.	Boiling Point/Range	No data available
Decomposition Temperature	No information available	Freezing Point	No information available
Melting Point/Range	No information available	Explosion Limits	Not applicable
Flammability Limits in Air	Not flammable	Solubility	Completely soluble
Specific Gravity	1.0	Vapor Density	No data available
Vapor Pressure	No data available		
VOC Content	Not applicable		

10. STABILITY AND REACTIVITY

Stability	Stable under recommended storage conditions
Incompatible Products	None known based on information supplied
Conditions to Avoid	None known based on information supplied
Hazardous Decomposition Products	Carbon oxides. Nitrogen oxides (NOx).

Hazardous Polymerization Hazardous polymerization does not occur

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Product Information Causes skin, eye and respiratory tract irritation.

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Water	90 mL/kg (Rat)		
Alcohol Ethoxylate	2 g/kg (Rat)		
Propylene Glycol	20000 mg/kg (Rat)	20800 mg/kg (Rabbit)	
Subtilisins (proteolytic enzymes)	3700 mg/kg (Rat)		

Chronic Toxicity

Chronic Toxicity Repeated or prolonged skin contact may cause skin irritation and/or dermatitis and sensitization of susceptible persons.

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)
Propylene Glycol		LC50 41-47 ml/L Oncorhynchus mykiss 96 h LC50= 51400 mg/L Pimephales promelas 96 h LC50= 51600 mg/L Oncorhynchus mykiss 96 h LC50= 710 mg/L Pimephales promelas 96 h		EC50 > 1000 mg/L 48 h EC50 > 10000 mg/L 24 h

Persistence and Degradability Product is biodegradable

Bioaccumulation/Accumulation Not likely to bioaccumulate

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method Can be landfilled or incinerated, when in compliance with local regulations.

Contaminated Packaging Dispose of in accordance with local regulations

14. TRANSPORT INFORMATION

DOT Not regulated

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
Water	Present	X	X	-	X	KE-35400	X	X
Alcohol Ethoxylate	XU	X	X	-	-	-	X	X
Propylene Glycol	Present	X	X	(2)-234	-	-	X	-
Subtilisins (proteolytic enzymes)	XU	X	X	-	X	KE-32313	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

Chemical Name	CAS-No	Weight %	HAPS data	VOC Chemicals	Class 1 Ozone Depletors	Class 2 Ozone Depletors
Propylene Glycol	57-55-6	1-5		Group I		

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

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Propylene Glycol		X	X		X

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

Not determined

16. OTHER INFORMATION

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

Revision Date 03-Mar-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