



CHURCH & DWIGHT CO., INC.

CONSUMER PRODUCTS - SPECIALITY PRODUCTS

MATERIAL SAFETY DATA SHEET

Product Code(s) MSDS-1714

Revision Date 12-Oct-2011

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1. PRODUCT AND COMPANY IDENTIFICATION

Product Name OxiClean Darks & Colors
Product Code(s) MSDS-1714
Recommended Use Multipurpose stain remover pretreat.
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.churchdwright.com

2. HAZARDS IDENTIFICATION

Emergency Overview

Moderate to severe skin and eye irritation potential.
Enzymes may cause an allergic reaction to sensitized individuals.
Not a fire hazard
Stable

Appearance Clear, Blue

Physical State Gel

Odor 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 1

Flammability 0

Reactivity 0

Potential Health Effects

Acute Toxicity

Eyes
Skin

Severe irritant.

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

Inhalation

If mists are generated, they may cause mucous membrane and upper respiratory irritation.

Ingestion

Enzymes may cause an allergic reaction to sensitized individuals..

No known effect based on information supplied

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 Ethoxy Sulfate	9004-82-4	5-15
Glycerin	56-81-5	2-8
Alkylbenzenesulfonic acid (DBSA)	68584-22-5	2-5
Nonionic surfactant	9083-40-3	2-5
Citric Acid	77-92-9	1-5
Sodium hydroxide	1310-73-2	1-3
Oleic Acid	112-80-1	1-3

4. FIRST AID MEASURES

Eye Contact Flush immediately with clean flowing water, low pressure and lukewarm if possible. Flush continuously for 15 minutes, occasionally lifting upper and lower eyelids. Immediate medical attention is required.

Inhalation Move to fresh air. Get medical attention if person has difficulty breathing.

Skin Contact Remove and wash contaminated clothing before re-use. Wash off immediately with plenty of water. If skin irritation persists, call a physician.

Ingestion Never give anything by mouth to an unconscious person. Rinse mouth. Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention.

Notes to Physician Treat symptomatically

5. FIRE-FIGHTING MEASURES

Flammable Properties Not flammable

Flash Point Not applicable

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** 1 **Flammability** 0 **Stability** 0 **Physical and Chemical Hazards** -

6. ACCIDENTAL RELEASE MEASURES

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Personal Precautions	Avoid contact with skin, eyes and clothing. Wear protective gloves/clothing and eye/face protection. If spilled, take caution, as material can cause surfaces to become very slippery.
Methods for Containment	Close off area of spill to traffic and use caution during cleanup. Make sure area is slip-free before re-opening to traffic.
Methods for Cleaning Up	Contain spill and pick up with absorbent material. Keep in suitable and closed containers for disposal.

7. HANDLING AND STORAGE

Handling	Material becomes slippery when wet. Use caution if wet. Avoid contact with product and promptly clean up spills.
Storage	Store in original container. Store at ambient conditions. Keep from freezing. Keep away from heat. Keep container tightly closed. Keep in properly labeled containers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines See below

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Glycerin 56-81-5		TWA: 15 mg/m ³ TWA: 5 mg/m ³ (vacated) TWA: 10 mg/m ³ (vacated) TWA: 5 mg/m ³	
Sodium hydroxide 1310-73-2		TWA: 2 mg/m ³ (vacated) Ceiling: 2 mg/m ³	IDLH: 10 mg/m ³ Ceiling: 2 mg/m ³

Engineering Measures Showers
Eyewash stations
Ventilation systems

Personal Protective Equipment
Eye/Face Protection
Skin and Body Protection
Respiratory Protection

Goggles recommended for handling bulk liquid and for cleaning up spills.
Impervious gloves for handling bulk material and during cleanup of spills.
None required under normal usage. This product contains enzymes which may cause an allergic reaction to sensitized individuals.

Hygiene Measures Avoid contact with skin, eyes and clothing. Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

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Appearance	Clear Blue	Odor	Fragrance
Odor Threshold	No information available	Physical State	Gel
pH	8.0		
Flash Point	Not applicable	Autoignition Temperature	No information available
Decomposition Temperature	No information available	Boiling Point/Range	No data available
Melting Point/Range	No data available	Freezing Point	No information available
Flammability Limits in Air	Not flammable	Explosion Limits	No information available
Specific Gravity	1.064	Solubility	Completely soluble
Vapor Pressure	No data available	Vapor Density	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). Sulfur oxides.
Hazardous Polymerization	Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Product Information Product does not present an acute toxicity hazard based on known or supplied information

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Water	90 mL/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
Citric Acid	3000 mg/kg (Rat)		
Sodium hydroxide		1350 mg/kg (Rabbit)	
Oleic Acid	25 g/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)
Glycerin		LC50 51-57 ml/L Oncorhynchus mykiss 96 h		EC50 > 500 mg/L 24 h
Citric Acid		LC50= 1516 mg/L Lepomis macrochirus 96 h		EC50 = 120 mg/L 72 h
Sodium hydroxide		LC50= 45.4 mg/L Oncorhynchus mykiss 96 h		
Oleic Acid		LC50= 205 mg/L Pimephales promelas 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 hydroxide	Corrosive Toxic Corrosive

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	-
Alcohol Ethoxy Sulfate	XU	X	-	(7)-120	-	-	X	-
Glycerin	Present	X	X	(7)-338 (2)-242	X	-	X	-
Alkylbenzenesulfonic acid (DBSA)	-	-	-	-	-	-	-	-
Nonionic surfactant	-	-	-	-	-	-	-	-
Citric Acid	Present	X	X	(2)-1318	X	-	X	X
Sodium hydroxide	Present	X	X	-	X	KE-31487	X	X
Oleic Acid	Present	X	X	(2)-975 (2)-609	-	-	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
Glycerin	56-81-5	2-8		Group II		

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

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs
Sodium hydroxide	1000 lb	

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
Glycerin	X	X	X		X
Sodium hydroxide	X	X	X		X
Oleic Acid	-	-	X	-	X

International Regulations

Mexico - Grade

No information available.

Chemical Name	Carcinogen Status	Exposure Limits
Glycerin		Mexico: TWA= 10 mg/m ³
Sodium hydroxide		Mexico: Ceiling= 2 mg/m ³

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

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

Revision Date 12-Oct-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