



CHURCH & DWIGHT CO., INC.

CONSUMER PRODUCTS - SPECIALITY PRODUCTS

MATERIAL SAFETY DATA SHEET

Product Code(s) MSDS-1713

Revision Date 06-Sep-2012

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1. PRODUCT AND COMPANY IDENTIFICATION

Product Name OxiClean Rinse Aid & Detergent Performance Booster
Product Code(s) MSDS-1713

Recommended Use Dishwasher Rinse Aid.
Product Type Mixture
Synonyms Detergent Booster

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

Emergency Overview

Harmful if swallowed
Can cause burns to skin, eyes and mucous membranes
May be harmful if inhaled

Appearance Clear, Blue

Physical State Liquid

Odor None

Wear protective gloves, clothing, eye and face protection in an industrial environment.. 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

Principle Routes of Exposure

Eye contact, Ingestion, Inhalation, Skin contact.

Acute Toxicity

Eyes

May cause burns.

Skin

Prolonged skin contact may cause burns.

Inhalation

Avoid breathing vapors or mists. May cause irritation.

Ingestion

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 %
Water	7732-18-5	60-70
Polyethylene-polypropylene glycol	9003-11-6	20-30
Glycolic acid	79-14-1	5-15

4. FIRST AID MEASURES

Eye Contact Immediately flush eyes with large amounts of clean, flowing water for at least 15 minutes, occasionally lifting upper and lower eyelids.. Get medical attention immediately if irritation persists.

Inhalation Move to fresh air. If not breathing, have a trained person give artificial respiration. If symptoms persist, call a physician.

Skin Contact Wash skin with soap and water. If skin irritation persists, call a physician.

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

Notes to Physician Treat symptomatically

5. FIRE-FIGHTING MEASURES

Flammable Properties Not flammable

Flash Point N/A

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

Personal Precautions Isolate spill area and deny entry to unauthorized persons. Avoid contact with skin, eyes and clothing. Wear protective gloves/clothing and eye/face protection.

Methods for Containment Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Place material in clean, dry containers.

6. ACCIDENTAL RELEASE MEASURES

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 Avoid contact with skin, eyes and clothing. Wear personal protective equipment.

Storage Keep containers tightly closed in a dry, cool and well-ventilated place

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

Avoid contact with eyes. Safety glasses with side-shields. Goggles recommended for handling bulk liquid and for cleaning up spills.. Eyewash facility is recommended for the work area or close proximity.

Skin and Body Protection

Wear chemical resistant gloves where prolonged or repeated contact may occur. Impervious gloves for handling bulk material and during cleanup of spills..

Respiratory Protection

Maintain adequate ventilation. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear Blue	Odor	None
Odor Threshold	No information available	Physical State	Liquid
pH	2.1		
Flash Point	N/A	Autoignition Temperature	N/A
Decomposition Temperature °C	No information available	Decomposition Temperature	N/A
Boiling Point/Range	93°C / 200°F	Melting Point/Range	NA
Freezing Point	NA		
Flammability Limits in Air	Not flammable	Explosion Limits	No information available
Specific Gravity	1.06	Solubility	Completely soluble
Vapor Pressure	No data available	Vapor Density	No data available
Explosive Properties	NA	Oxidizing Properties	No information available
VOC Content	None		

10. STABILITY AND REACTIVITY

Stability Stable under recommended storage conditions.

Incompatible Products Bases. Oxidizing agents. Reducing agents.

Conditions to Avoid None known based on information supplied

Hazardous Decomposition Products Carbon 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)		
Polyethylene-polypropylene glycol	5700 mg/kg (Rat)		
Glycolic acid	1950 mg/kg (Rat)		7.7 mg/L (Rat) 4 h

Chronic Toxicity

Chronic Toxicity None known.

Target Organ Effects None known.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Large amounts will affect pH and harm aquatic organisms.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Microtox	Daphnia Magna (Water Flea)
Glycolic acid		LC50> 5000 mg/L Brachydanio rerio 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 a hazardous waste according to federal regulations (40 CFR 261). US EPA waste number: D002, Corrosive. Dispose of in accordance with all applicable national environmental laws and regulations.

Contaminated Packaging Dispose of in accordance with local regulations

14. TRANSPORT INFORMATION

DOT
Consumer Commodity
Proper Shipping Name Corrosive liquid, acidic, organic, n.o.s (glycolic acid)
Hazard Class 8
UN-No UN3265
Packing Group III

TDG
TDG
Proper Shipping Name Corrosive liquid, acidic, organic, n.o.s (glycolic acid)
Hazard Class 8
UN-No UN3265
Packing Group III

ICAO
ICAO
UN-No UN3265
Hazard Class 8
Packing Group III

IATA
IATA
UN-No UN3265
Proper Shipping Name Corrosive liquid, acidic, organic, n.o.s
Hazard Class 8
Packing Group III
ERG Code 8L
Max Qty for Passenger 5 L
Max Qty for Cargo 60 L
LQ 1 L

IMDG/IMO
IMDG/IMO
Proper Shipping Name Corrosive liquid, acidic, organic, n.o.s (glycolic acid)
Hazard Class 8
Subsidiary Class +
UN-No UN3265
Packing Group III
EmS No. F-A, S-B

RID
RID
Proper Shipping Name Corrosive liquid, acidic, organic, n.o.s (glycolic acid)
Hazard Class 8
UN-No UN3265
Packing Group III
Classification Code C3

ADR
ADR
Proper Shipping Name Corrosive liquid, acidic, organic, n.o.s (glycolic acid)
Hazard Class 8
UN-No UN3265
Packing Group III
Classification Code C3

ADN
ADN
Proper Shipping Name Corrosive liquid, acidic, organic, n.o.s (glycolic acid)
Hazard Class 8
UN-No UN3265
Packing Group III
Classification Code C3

Special Provisions 274
Hazard Labels 8
Limited Quantity LQ7

15. REGULATORY INFORMATION

International Inventories

Table with 9 columns: Chemical Name, TSCA, DSL, EIN/ELN, ENCS, IECSC, KECL, PICCS, AICS. Rows include Water, Polyethylene-polypropylene glycol, and Glycolic acid.

U.S. Federal Regulations

RCRA

If this material becomes waste, it would be a hazardous waste by characteristic of corrosivity due to its pH. A waste having the characteristic of corrosivity has the EPA Hazardous Waste Number D002.

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

Clean Water Act

This product contains the following substances which are regulated 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 contains the following substances which are listed hazardous air pollutants (HAPS) under Section 112 of the Clean Air Act.

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

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 06-Sep-2012

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