



CHURCH & DWIGHT CO., INC.

CONSUMER PRODUCTS - SPECIALITY PRODUCTS

MATERIAL SAFETY DATA SHEET

Product Code(s) MSDS-083B

Revision Date 01-Dec-2011

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1. PRODUCT AND COMPANY IDENTIFICATION

Product Name Xtra Liquid Laundry Detergent
Product Code(s) MSDS-083B

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.churchdwright.com

2. HAZARDS IDENTIFICATION

Appearance Blue, Opaque **Physical State** Liquid **Odor** Scented

May cause eye irritation. May cause skin irritation. Not a fire hazard. Stable.

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

Inhalation

Ingestion

May cause irritation.

Prolonged, repeated or occluded contact with concentrated product can cause irritation.

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

Practically non-toxic due to high level of water dilution. Ingestion may cause irritation to mucous membranes. Ingestion may cause stomach discomfort.

Chronic Effects

None known.

Main Symptoms

Redness.

Aggravated Medical Conditions

None known.

Interactions with Other Chemicals

Not applicable.

Environmental Hazard No information available..

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Water	7732-18-5	85-95
Sodium carbonate	497-19-8	4-7
Alcohol Ethoxy Sulfate	9004-82-4	3-4

4. FIRST AID MEASURES

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

Inhalation Not expected. Move to fresh air. Treat symptomatically.

Skin Contact Remove and wash contaminated clothing before re-use. Wash off immediately with soap and plenty of water. Get medical attention if irritation develops and persists.

Ingestion This product is safe for it intended use. Never give anything by mouth to an unconscious person. If large amounts are ingested, it may cause nausea, vomiting or diarrhea. Rinse mouth with water and afterwards drink plenty of water or milk.

Notes to Physician Treat symptomatically.

Protection of First-aiders Use personal protective equipment.

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 Avoid contact with the skin and the eyes.

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. After cleaning, flush away traces with water.

7. HANDLING AND STORAGE

Handling	Avoid contact with skin and eyes.
Storage	Store at ambient conditions. Keep from freezing. Keep in properly labeled containers. Store in original container. Do not reuse container. Avoid contact with product and promptly clean up spills..

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	Goggles recommended for handling bulk liquid or for cleaning up spills.
Skin and Body Protection	Impervious gloves for handling bulk material and during cleanup of spills..
Respiratory Protection	None required under normal usage.
Hygiene Measures	Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Blue Opaque	Odor	Scented
Odor Threshold	No information available	Physical State	Liquid
pH	11.5-12.2		
Flash Point	N/A	Autoignition Temperature	N/A
Decomposition Temperature	N/A	Boiling Point/Range	No information available
Melting Point/Range	NA	Freezing Point	NA
Flammability Limits in Air	Not flammable	Explosion Limits	Not applicable
Specific Gravity	1.065	Solubility	Completely soluble
Vapor Pressure	Not applicable	Vapor Density	No data available
Explosive Properties	NA	VOC Content	N/A
Viscosity	250-750 cP	Partition Coefficient (n-octanol/water)	Not applicable

10. STABILITY AND REACTIVITY

Stability	Stable under recommended storage conditions
Incompatible Products	None known.
Conditions to Avoid	None known.
Hazardous Decomposition Products	Calcium oxides. Sulfur oxides. Nitrogen oxides (NOx).
Hazardous Reactions	Will not occur.

Hazardous Polymerization Will 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)		
Sodium carbonate	4090 mg/kg (Rat)		
Alcohol Ethoxy Sulfate	1600 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

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

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	-
Sodium carbonate	Present	X	X	1-164	X	KE-31380	X	-
Alcohol Ethoxy Sulfate	XU	X	-	(7)-120	-	-	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
Sudden Release of Pressure Hazard No
Fire 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 is regulated by the Food and Drug Administration of Health Canada and is therefore exempt from the requirements of CEPA.

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 01-Dec-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