



MATERIAL SAFETY DATA SHEET

MSDS NUMBER: MSDS-083

ISSUE DATE: 06/27/03

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1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME

XTRA® LIQUID LAUNDRY DETERGENT
(Ultra and half-cup versions in All Scents)

COMPANY INFORMATION

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

Emergency Phone:

1-609-683-5900 (U.S.A.)

Medical Emergency Phone:

1-800-228-5635 Ext. 007 (USA)

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Ingredient

Dodecyl Benzene Sulfonic Acid (DBSA)
Sodium Hydroxide
Alkylphenol Ethoxylate

(% by Weight)

1-5%
< 1%
5-10%

CAS Number

027176-87-0
001310-73-2
127087-87-0

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Clear blue, greenish-blue or yellow-tinted (dye-free) liquid, scented or unscented.
Moderate skin and eye irritation potential.
Not a fire hazard; stable.

This product is labeled in accordance with regulations administered by the Consumer Product Safety Commission (CPSC). The use pattern and exposure in the workplace are generally not consistent with those experienced by consumers. The requirements of the Occupational Safety and Health Administration applicable to this MSDS differ from the labeling requirements of the CPSC and, as a result, this MSDS may contain additional health hazard information not pertinent to consumer use and not found on the product label.

HMIS Rating

Health	1
Fire	0
Reactivity	0

Potential Health Effects

EYE: Irritant. May cause injury upon prolonged contact.

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

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INGESTION: Practically non-toxic due to high level of water dilution. Ingestion can cause irritation to mucous membranes and digestive tract, nausea, and abdominal discomfort.

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

SUBCHRONIC EFFECTS/CARCINOGENICITY: None known. Not classified as carcinogenic by IARC, NTP, OSHA, or ACGIH.

4. FIRST AID MEASURES

EYES: Immediately flush eyes with a directed stream of water for at least 15 minutes, forcibly holding eyelids apart to insure complete irrigation of all eye and lid tissue. **GET MEDICAL ATTENTION IMMEDIATELY.**

SKIN: Remove contaminated clothing. Flush exposed areas with water. **SEEK MEDICAL ATTENTION IF IRRITATION DEVELOPS.**

INGESTION: NEVER GIVE ANYTHING TO AN UNCONSCIOUS PERSON. If ingested, do not induce vomiting. If the patient is conscious and can swallow, first rinse out mouth and then give one or two glasses of water to drink. **GET MEDICAL ATTENTION IMMEDIATELY.**

INHALATION: Remove to fresh air. Treat symptomatically.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES:

FLASHPOINT: Not combustible

METHOD USED: Not applicable

FLAMMABLE LIMITS

LFL: Not applicable

UFL: Not applicable

EXTINGUISHING MEDIA: Liquid will not burn. Use extinguishing media for surrounding fire.

FIRE FIGHTING INSTRUCTIONS: When heated to decomposition, toxic fumes of CO, NO_x and SO_x may be emitted. Wear full Bunker Gear and a self-contained breathing apparatus (SCBA).

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known

6. ACCIDENTAL RELEASE MEASURES

Prevent eye and skin contact by wearing rubber gloves and goggles.

Spills present a slipping hazard. Close off area of spill to traffic and use caution during cleanup. Make sure area is slip-free before re-opening to traffic.

Spills - Contain spill and pick up with absorbent material. Dispose in suitable waste container. Flush residual material as for small spills.

7. HANDLING AND STORAGE

Store at ambient temperature. Avoid freezing or excessive heat (direct sunlight, heaters, etc.). Keep containers closed and keep product in original container. Empty containers may contain product residue. Do not reuse container. Avoid contact with product and promptly clean up spills.



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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION: Not normally required.

PROTECTIVE GLOVES: Impervious gloves recommended for handling bulk material and during cleanup of spills.

EYE PROTECTION: Goggles recommended for handling bulk liquid and for cleaning up spills.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Clean full cover clothing is sufficient under normal exposure conditions. Selection of specific items such as aprons, boots, etc., will depend on degree of exposure under other specific use conditions. Local eye wash is recommended.

PROTECTIVE WORK/HYGENIC PRACTICES: No special work requirements with respect to chemical exposure other than those noted above.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear blue, greenish-blue, or yellow-tinted (dye-free) liquid.

ODOR: Scented or unscented as per product label descriptions

PHYSICAL STATE: Liquid

pH AS IS: 10.5 - 11.5

VAPOR PRESSURE: Not determined

BOILING POINT: Not determined

FREEZING POINT: Not determined

SOLUBILITY IN WATER: Complete

SPECIFIC GRAVITY (Water = 1): 1.015 - 1.020 (Half-cup), 1.016-1.026 (Ultra)

VISCOSITY: 100-200 cP (Half-cup), 150-250 cP (Ultra)

VOLATILE ORGANIC COMPOUNDS: Approximately 8% as low vapor pressure organic compounds (>12 carbon atoms; v.p. < 0.1 mm Hg).

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable.

CONDITIONS TO AVOID: None known.

INCOMPATIBILITY WITH OTHER MATERIALS: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: Decomposition can generate hazardous oxides of carbon, nitrogen, and sulfur.

HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: Expected to be a moderate eye irritant based on composition and product pH.

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SKIN EFFECTS: Not expected to be a primary irritant based on composition and testing of similar formulations. May be moderately irritating to humans on repeated, prolonged or occluded contact. Not a skin sensitizer based on human patch tests.

ACUTE ORAL EFFECTS: Single dose toxicity expected to be >5g/kg based on testing of similar formulations.

12. ECOTOXICOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

Landfill in accordance with all local, state and federal environmental regulations. Dilute and drain small amounts to sewer. Discard empty containers as general trash.

14. TRANSPORTATION INFORMATION

D.O.T. SHIPPING NAME: Not regulated

TECHNICAL SHIPPING NAME: XTRA® Liquid Laundry Detergent

D.O.T. HAZARD CLASS: Not a D.O.T. Hazardous Material

U.N./N.A. NUMBER: None

HAZARDOUS SUBSTANCE/RQ: None

D.O.T. LABEL: None

D.O.T. PLACARD: None

15. REGULATORY INFORMATION

The ingredients in these products are reported in the EPA TSCA Inventory List.

CONSUMER USE

USA: Regulated by the Consumer Product Safety Act and Federal Hazardous Substances Act. As such, these products are exempt from the OSHA requirements under 29 CFR 1910.1200.

CANADA: Regulated by the Hazardous Products Act, and as such, are exempt from WHMIS.

16. OTHER INFORMATION

SUPERSEDES DATE: 03131/03

REASON FOR REVISION: Product description change.

For additional non-emergency health, safety and environmental information telephone 609.279.7705 or write to:

Church & Dwight Co., Inc.
R & D Technical regulatory Affairs
469 North Harrison Street
Princeton, New Jersey 08543

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