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

For further information, please also consult our Internet site www.churchdwight.com

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2. HAZARDS IDENTIFICATION

**Potential Health Effects**

<table>
<thead>
<tr>
<th>Eyes</th>
<th>May cause irritation.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin</td>
<td>Prolonged, repeated or occluded contact with concentrated product can cause irritation.</td>
</tr>
<tr>
<td>Inhalation</td>
<td>If mists are generated, they may cause mucous membrane and upper respiratory irritation.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>Practically non-toxic due to high level of water dilution. Ingestion may cause irritation to mucous membranes. Ingestion may cause stomach discomfort.</td>
</tr>
</tbody>
</table>

**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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>85-95</td>
</tr>
<tr>
<td>Sodium carbonate</td>
<td>497-19-8</td>
<td>4-7</td>
</tr>
<tr>
<td>Alcohol Ethoxy Sulfate</td>
<td>9004-82-4</td>
<td>3-4</td>
</tr>
</tbody>
</table>

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 its 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

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

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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>LD50 Oral</th>
<th>LD50 Dermal</th>
<th>LC50 Inhalation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>90 mL/kg</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sodium carbonate</td>
<td>4090 mg/kg</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Alcohol Ethoxy Sulfate</td>
<td>1600 mg/kg</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Toxicity to Algae</th>
<th>Toxicity to Fish</th>
<th>Microtox</th>
<th>Daphnia Magna (Water Flea)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium carbonate</td>
<td></td>
<td>LC50= 300 mg/L Lepomis macrochirus 96 h</td>
<td></td>
<td>EC50 = 265 mg/L 48 h</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>TSCA</th>
<th>DSL</th>
<th>EIN/ELN</th>
<th>ENCS</th>
<th>IECSC</th>
<th>KECL</th>
<th>PICCS</th>
<th>AICS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water</td>
<td>Present</td>
<td>X</td>
<td>X</td>
<td>-</td>
<td>X</td>
<td>KE-35400</td>
<td>X</td>
<td>-</td>
</tr>
<tr>
<td>Sodium carbonate</td>
<td>Present</td>
<td>X</td>
<td>X</td>
<td>1-164</td>
<td>X</td>
<td>KE-31380</td>
<td>X</td>
<td>-</td>
</tr>
<tr>
<td>Alcohol Ethoxy Sulfate</td>
<td>XU</td>
<td>X</td>
<td>-</td>
<td>(7)-120</td>
<td>-</td>
<td>-</td>
<td>X</td>
<td>-</td>
</tr>
</tbody>
</table>

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