

CHURCH & DWIGHT CO., INC.

CONSUMER PRODUCTS • SPECIALTY PRODUCTS



MATERIAL SAFETY DATA SHEET

MSDS NUMBER: MSDS-059

ISSUE DATE: 02/23/04

PAGE 1 OF 5

1. PRODUCT IDENTIFICATION

Product Name

XTRA® CLASSIC REGULAR AND BLEACH ALTERNATIVE
POWDER LAUNDRY DETERGENT
(All Fragrances)

Emergency Phone:

1-609-683-5900 (USA)

Medical Emergency Phone:

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

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Ingredient</u>	<u>(% by Wt)</u>	<u>CAS Number</u>	<u>Exposure Limits (mg/m³)*</u>	
			<u>OSHA</u>	<u>ACGIH</u>
Dodecylbenzene sulfonic acid salt	3-6%	25155-30-0	Not Established	Not Established
Sodium Silicate	5-10%	1344-09-8	15 (total dust) 5 (respirable)	10 (total dust) 3 (respirable)
Sodium Chloride	30-60%	7647-14-5	15 (total dust) 5 (respirable)	10 (total dust) 3 (respirable)
Sodium Carbonate	20-50%	497-19-8	15 (total dust) 5 (respirable)	10 (total dust) 3 (respirable)

*Limits shown are time weighted averages (TWA) for Particulates Not Otherwise Classified (PNOC).

Workplace Considerations: Contains no other hazardous ingredients at 1% or more listed in 29 CFR 1910, Subpart Z. Exempt from OSHA and WHMIS as a packaged household consumer product.

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Scented white granular powder.

Severe eye and respiratory irritant; moderate skin irritation potential.

No significant environmental effects. Not a fire hazard. A stable material.

These products are 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	2
Fire	0
Reactivity	0

CHURCH & DWIGHT CO., INC.

CONSUMER PRODUCTS • SPECIALTY PRODUCTS



MATERIAL SAFETY DATA SHEET

MSDS NUMBER: MSDS-059

ISSUE DATE: 02/23/04

PAGE 2 OF 5

Potential Health Effects

EYE: Severe irritant; burns and potential injury upon prolonged contact.

SKIN CONTACT: Not a primary skin irritant; various severities of irritation are possible on prolonged, repeated or occluded contact.

INGESTION: Slightly toxic; ingestion can cause severe pain, diarrhea, corrosive damage to GI tract. Ingestion may also present a potential aspiration hazard.

INHALATION: Inhalation of dusts can cause severe irritation, delayed pulmonary edema and nasal septum deviation.

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

4. FIRST AID MEASURES

EYES: Flush immediately with clean flowing water, low pressure and lukewarm if possible. Check for and remove contact lenses if present. Continue flushing for 15 minutes occasionally lifting upper and lower eyelids. Seek medical attention.

SKIN: Remove contaminated clothing. Flush exposed areas with water. Seek medical attention if irritation develops and persists.

INHALATION: Remove to area free from risk of further exposure. Treat symptomatically. Seek medical attention if irritation develops or person has difficulty breathing.

INGESTION: If swallowed, do not induce vomiting. If person is conscious, give 1-2 glasses of water to drink. Never give anything orally to an unconscious person. Seek medical attention.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

FLASHPOINT: Not combustible

METHOD USED: Not applicable

FLAMMABLE LIMITS

LFL: Not applicable

UFL: Not applicable

EXTINGUISHING MEDIA: Non-combustible material. Use extinguishing media for surrounding fire.

FIRE FIGHTING INSTRUCTIONS: Firefighters should wear full protective equipment including bunker gear and a self-contained breathing apparatus (SCBA) to avoid inhalation of irritating dusts and contact of dusts with skin and eyes.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

CHURCH & DWIGHT CO., INC.

CONSUMER PRODUCTS • SPECIALTY PRODUCTS



MATERIAL SAFETY DATA SHEET

MSDS NUMBER: MSDS-059

ISSUE DATE: 02/23/04

PAGE 3 OF 5

6. ACCIDENTAL RELEASE MEASURES

Scoop into waste containers. Avoid stirring up irritating dust. Wear skin, eye and respiratory protection (See Section 8). Flush small quantities of material to sewer or other liquid waste system.

7. HANDLING AND STORAGE

Store in original containers in a cool dry place. If product must be transferred, use only clean containers and keep containers closed during storage. Minimize airborne dusts and avoid contact with product during transfer, use and clean up.

This product will react with acids to yield carbon dioxide gas, which can accumulate in confined spaces. Do not enter confined spaces until they have been well ventilated and carbon dioxide levels have been determined to be safe.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

RECOMMENDED EXPOSURE LIMIT: 10 mg/m³ as a nuisance dust (ACGIH).

ENGINEERING CONTROLS: Use local exhaust if dust level exceeds 10 mg/m³.

RESPIRATORY PROTECTION: Wear a NIOSH approved dust respirator when dust levels exceed recommended exposure limits.

PROTECTIVE GLOVES: General purpose recommended for normal handling of material; required if repeated or prolonged contact with powder or dusts is expected. Use impervious gloves if solutions are involved.

EYE PROTECTION: Wear safety glasses with side shields, or safety goggles if excessive dust is generated. Do not wear contact lenses.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Clean full cover clothing is sufficient. Local eyewash is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: White powder

ODOR: Scented

PHYSICAL STATE: Powder

pH AS IS: Not applicable

VAPOR PRESSURE: Not applicable

VAPOR DENSITY: Not applicable

BOILING POINT: Not applicable

FREEZING/MELTING POINT: Not applicable

SOLUBILITY IN WATER: Appreciable

CHURCH & DWIGHT CO., INC.

CONSUMER PRODUCTS • SPECIALTY PRODUCTS



MATERIAL SAFETY DATA SHEET

MSDS NUMBER: MSDS-059

ISSUE DATE: 02/23/04

PAGE 4 OF 5

SPECIFIC GRAVITY (Water = 1): 0.50 g/cc @ 20°C

APPARENT DENSITY: 4.2 lbs/gal

VOLATILE ORGANIC COMPOUNDS: 9.9%

MOLECULAR WEIGHT: Not applicable (mixture)

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable.

CONDITIONS TO AVOID: Direct exposure to prolonged high humidity or other moist/damp conditions may cause product to cake. Color safe bleach product will also lose oxygen.

INCOMPATIBILITY WITH OTHER MATERIALS: Heavy metals and reducing agents. Reacts with acids to yield carbon dioxide.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition, although highly unlikely, will emit carbon dioxide, sulfur oxides, and sodium oxide. Decomposition of bleach product will also include oxygen and hydrogen peroxide.

HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: A severe eye irritant based on alkaline nature and level of surfactants.

SKIN EFFECTS: Not a primary skin irritant. Testing on similar carbonate-based detergent formulations indicate a slight to moderate irritation potential under conditions of semi-occluded to occluded contact.

ACUTE ORAL EFFECTS: Slightly toxic; LD₅₀ estimated to be \approx 3.0 g/kg. The principal components, sodium carbonate and sodium chloride, each have a reported LD₅₀ of approximately 3 g/kg.

INHALATION EFFECTS: Dusts either inhaled or aspirated during ingestion may cause upper respiratory irritation and delayed pulmonary effects.

12. ECOLOGICAL INFORMATION

TOXICITY: No data available.

PERSISTENCE: No data available.

BIOACCUMULATION: No data available.

13. DISPOSAL CONSIDERATIONS

Landfill in accordance with all local, state and federal environmental regulations. Local and state laws may differ from federal, so be sure to consult with appropriate agencies for specific rules. Dilute and drain small amounts to sewer. Discard empty containers as general trash if recycling infrastructures for these materials are not available in specific area.

CHURCH & DWIGHT CO., INC.

CONSUMER PRODUCTS • SPECIALTY PRODUCTS



MATERIAL SAFETY DATA SHEET

MSDS NUMBER: MSDS-059

ISSUE DATE: 02/23/04

PAGE 5 OF 5

14. TRANSPORTATION INFORMATION

D.O.T. SHIPPING NAME: Not regulated

TECHNICAL SHIPPING NAME: XTRA® CLASSIC REGULAR AND BLEACH ALTERNATIVE POWDER LAUNDRY DETERGENT

D.O.T. HAZARD CLASS: Not applicable

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 this product are reported in the EPA TSCA Inventory List and the Canadian DSL.

The ingredients in this product are not listed as carcinogens or potential carcinogens by NTP Annual Report, IARC Group I or II, OSHA 29 CFR Part 1910 Subpart Z, or ACG1H Appendix A.

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: NEW

REASON FOR REVISION: New MSDS

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

Church & Dwight Co., Inc.
469 North Harrison Street
Princeton, New Jersey 08543

This Product Safety Data Sheet is offered solely for your information, consideration and investigation. Church & Dwight Co., Inc. provides

CORPORATE HEADQUARTERS: 469 North Harrison street • Princeton, New Jersey 08543-5297 • Phone (609) 683-5900

CHURCH & DWIGHT CO., INC.

CONSUMER PRODUCTS • SPECIALTY PRODUCTS



MATERIAL SAFETY DATA SHEET

MSDS NUMBER: MSDS-059

ISSUE DATE: 02/23/04

PAGE 6 OF 5

no warranties, either express or implied, and assumes no responsibility for the accuracy or completeness of data contained herein. Church & Dwight Co., Inc. urges persons receiving this information to make their own determination as to the information suitability for their particular application.