

# MATERIAL SAFETY DATA SHEET

MSDS NUMBER: MSDS-125

ISSUE DATE: 04/28/98

PAGE 1 OF 4

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name

RAINDROPS NON-PHOSPHATE WATER SOFTENER

Church & Dwight Co., Inc.  
469 N. Harrison Street  
Princeton, NJ 08540

Emergency Phone:  
1-609-683-5900 (USA)

Medical Emergency Phone:  
1-800-228-5635

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENTS</u>	<u>CAS Number</u>	<u>OSHA PEL/TWA</u>	<u>ACGIH TWA</u>
Sodium Carbonate	497-19-8	Not established	Not established
Sodium Chloride	7647-14-5	Not established	Not established
Sodium Citrate	68-04-2	Not established	Not established
Sodium Aluminosilicate	1344-00-9	Not established	Not established

## 3. HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

White to light blue granular product containing dark blue speckles.  
May cause moderate to severe skin irritation or dermatitis.  
May cause severe irritation with redness, pain, blurred vision, and possible corneal injury.  
Inhalation of dust may cause mucous membrane irritation or burns with coughing and shortness of breath.  
Ingestion may cause burns of the mouth, esophagus and stomach with possible gastrointestinal disturbances such as abdominal pain, vomiting and diarrhea. Product also presents a possible aspiration hazard if ingested and vomited.

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	2
Fire	1
Reactivity	0

### POTENTIAL HEALTH EFFECTS

**EYE:** May cause severe eye irritation with pain, redness, and possible corneal injury.

**SKIN CONTACT:** May cause various severities of irritation and dermatitis upon prolonged, repeated or occluded contact.

**INGESTION:** May cause burns to mucous membranes in the mouth, esophagus and stomach, with vomiting and diarrhea.

**INHALATION:** Dusts may cause mucous membrane irritation with coughing and shortness of breath. More severe exposures may cause respiratory irritation to the nose, throat and lungs, and difficulty breathing.

**SUBCHRONIC EFFECTS/CARCINOGENICITY:** None known. Ingredients are not listed as carcinogens or potential carcinogens by IARC, NTP, OSHA, or ACGIH.

## 4. FIRST AID MEASURES

# MATERIAL SAFETY DATA SHEET

MSDS NUMBER: MSDS-125

ISSUE DATE: 04/28/98

PAGE 2 OF 4

**EYES:** Immediately rinse eyes for one minute. Check for and remove contacts if present. Continue rinsing for at least 15 minutes with plenty of clean, flowing water, occasionally lifting upper and lower eyelids. Get immediate medical attention if pain or irritation persists.

**SKIN:** Immediately remove contaminated clothing and shoes. Rinse affected area with mild soap and large amounts of water until no evidence of product remains. Get medical attention if irritation persists. Wash clothing before reusing.

**INHALATION:** Immediately move affected person from area of exposure to fresh air. Treat symptomatically and supportively. Get medical attention or contact a local poison control center. If breathing has stopped, give artificial respiration and get immediate medical attention.

**INGESTION:** Immediately seek medical attention. Maintain airway and respiration. Do not induce vomiting. If vomiting occurs, keep head below hips to prevent aspiration. Dilution by rinsing the mouth and giving water or milk to drink is generally recommended. **Do not attempt to give anything orally to an unconscious person.** Treat symptomatically and supportively.

## 5. FIRE FIGHTING MEASURES

**FLAMMABLE PROPERTIES:**

**FLAMMABLE LIMITS:**

**FLASHPOINT:** Not determined

**LFL:** Not Determined

**METHOD:** Not applicable

**UFL:** Not Determined

**EXTINGUISHING MEDIA:** Dry chemical, carbon dioxide, water spray, or regular foam.

**FIRE-FIGHTING INSTRUCTIONS:** Move containers from area if you can do so without risk. Keep upwind and avoid breathing vapors. Use extinguishing agents suitable for surrounding fire. Do not scatter spilled material with high-pressure water streams. Dike fire-control water for later disposal. Wear proper full protective equipment (Bunker Gear) and a self-contained breathing apparatus (SCBA) with full face piece operated in positive pressure mode.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Slight fire hazard when exposed to heat or flame. Dust-air mixtures may ignite or explode.

## 6. ACCIDENTAL RELEASE MEASURES

Close off area to traffic. Wear appropriate personal protective equipment (See Section 8). Sweep up and place material in suitable clean, dry containers for reclamation or later disposal. Wash away small residues with sufficient water. Do not flush large quantities of spilled material into sewer.

## 7. HANDLING AND STORAGE

Store away from incompatible materials, heat, sparks and flame (See Section 10). Wear appropriate personal protective equipment when handling material (See Section 8).

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**EXPOSURE LIMITS:** For Particulates Not Otherwise Classified (PNOC) -

OSHA TWA: 15 mg/m<sup>3</sup> (total dust); 5mg/m<sup>3</sup> (respirable fraction)

ACGIH TWA: 10 mg/m<sup>3</sup> (total dust); 3 mg/m<sup>3</sup> (respirable fraction)

**VENTILATION:** Provide local exhaust ventilation as needed to meet permissible exposure limits where dusts are likely to be generated.

**RESPIRATORY PROTECTION:** Air contamination monitoring should be conducted where dusts are likely to be generated. If respiratory protection is required, wear a NIOSH/MSHA approved respirator appropriate for the contamination levels found in the workplace.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION (Cont'd)

**PROTECTIVE GLOVES:** Wear chemical-resistant gloves where prolonged or repeated skin contact may occur.

# MATERIAL SAFETY DATA SHEET

MSDS NUMBER: MSDS-125

ISSUE DATE: 04/28/98

PAGE 3 OF 4

**EYE PROTECTION:** Dust-proof safety glasses should be worn to prevent eye contact where dusty conditions may occur.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Wear protective clothing where repeated or prolonged skin contact may occur. Eyewash facility recommended in work area or in close proximity.

**PROTECTIVE WORK/HYGIENIC PRACTICES:** No special requirements with respect to chemical workplace exposure beyond those noted above. Specific requirements with respect to equipment and applications are the responsibility of the handler/user.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** White to light blue granular material containing dark blue speckles.

**ODOR:** Mild, non-descript

**PHYSICAL STATE:** Solid

**POURED DENSITY:** 1025 - 1075 g/l

**pH (5% solution):** 10.8

**SOLUBILITY IN WATER:** Complete

**VAPOR PRESSURE:** Not applicable

**% VOLATILES:** Not applicable

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## 10. STABILITY AND REACTIVITY

**CHEMICAL STABILITY:** Stable under normal temperatures and pressures.

**CONDITIONS TO AVOID:** Contact with incompatible materials. Generation of dust near sparks and open flame.

**INCOMPATIBILITY WITH OTHER MATERIALS:** Strong acids, strong oxidizers, and metals.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Thermal decomposition may produce toxic and/or hazardous gases, including toxic oxides of carbon and nitrogen.

**HAZARDOUS POLYMERIZATION:** Has not been reported to occur under normal temperatures and pressures.

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## 11. HEALTH HAZARD INFORMATION

The acute health effects described below are those which could potentially occur for the finished product. They are based on the toxicology information available for the finished product and /or each hazardous ingredient, and are consistent with the product type and the likelihood of a specific route of exposure. Known chronic health effects related to exposure to a specific ingredient are indicated.

**EYE EFFECTS:** May cause eye irritation with severe pain, redness, blurred vision, and corneal injury.

**SKIN EFFECTS:** Repeated, prolonged or occluded contact may cause various severities of skin irritation.

**ACUTE ORAL EFFECTS:** May cause pain and burns to mucous membranes in the mouth, throat and stomach, with gastrointestinal disturbances, vomiting and diarrhea.

**INHALATION EFFECTS:** May cause mucous membrane and upper respiratory irritation or burns with coughing and shortness of breath.

**CHRONIC EFFECTS:** None known for the product.

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## 12. DISPOSAL CONSIDERATIONS

Dispose of waste product in accordance with all local, state and federal environmental regulations. State and local regulations may differ from federal. Be sure to consult with appropriate agencies for specific rules.

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# MATERIAL SAFETY DATA SHEET

MSDS NUMBER: MSDS-125

ISSUE DATE: 04/28/98

PAGE 4 OF 4

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## 13. TRANSPORTATION INFORMATION

D.O.T. SHIPPING NAME: Not regulated. See product name.

D.O.T./E.P.A. HAZARD CLASS: Not applicable

U.N./N.A. NUMBER: Not applicable

HAZARDOUS SUBSTANCE/RQ: Not applicable

D.O.T. LABEL: Not applicable

D.O.T. PLACARD: Not applicable

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## 14. REGULATORY INFORMATION

The ingredients in this product are reported in the U.S. EPA TSCA Inventory List or are exempted or excluded from listing.

CERCLA (40 CFR 302.4): Components present in this product at a level which could require reporting are: None

### SARA TITLE III

Section 302: Extremely Hazardous Substances - None

Section 311/312: Hazardous Categories - Immediate (acute)

Section 313: Toxic chemical - None

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SUPERSEDES DATE: 03/05/96

REASON FOR REVISION: Brand acquisition; converted to current company format.

<p>This Product Safety Data Sheet is offered solely for your information, consideration and investigation. Church &amp; Dwight Co., Inc. provides no warranties, either express or implied, and assumes no responsibility for the accuracy or completeness of data contained herein. Church &amp; Dwight Co., Inc. urges persons receiving this information to make their own determination as to the information suitability for their particular application.</p>
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