

# 31814

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**MATERIAL SAFETY DATA SHEET**



333 Hollenbeck St. Emergency Phone:  
Rochester NY 14621 INFOTRAC: 1-800-535-5053  
Information: 716-336-2200 OUTSIDE US: 1-352-323-3500

**PRODUCT NAME: DRI-CO, Powdered Laundry Bleach**

REVISION DATE: 06/19/2000 REVISION NUMBER: 1  
DATE PRINTED: 07/23/2001 PREPARED BY: Walter Friedlander

**1. CHEMICAL PRODUCT**

MSDS FORM NUMBER: 7137  
NFPA/HMIS HAZARD CODES (minimal=0; slight=1; moderate=2; serious=3; severe=4)

Health: 2/2  
Fire: 0/0  
Reactivity: 1/1  
Special/Protective ALK/B  
Equipment:

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

**Hazardous Components**

PRODUCT COMPOSITION CAS REGISTRATION NO.	APPROX. WEIGHT PERCENT	ACGIH TLV	ACGIH UNIT	OSHA PEL	OSHA UNIT
Sodium polyphosphate 7758-294	20 - 30	NA	NA	NA	NA
Sodium metasilicate 6834-92-0	10 - 20	NA	NA	NA	NA
Trichloro-s- triazinetrione 87-90-1	10 - 20	NA	NA	NA	NA

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**3. PHYSICAL AND CHEMICAL PROPERTIES**

BOILING POINT (F): NA (C) NA  
VAPOR PRESSURE: NA  
VAPOR DENSITY (AIR=1): NA  
Solubility in Water: MODERATE  
SPECIFIC GRAVITY: Density 1.36 g/cc +/- 0.05  
VOC Content (%): NA  
EVAPORATION RATE: NA  
PH: (1% solution) 8.70 +/- 0.20  
Appearance and Odor: White. Powder. Chlorine odor.

**4. FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT (F): None (C): NA

## DRI-CO, Powdered Laundry Bleach

**METHOD:** None

**EXTINGUISHING MEDIA:** Water. Do not use dry chemical extinguishers.

**FIRE FIGHTING PROCEDURES:** Fire-fighters should wear self-contained breathing apparatus and full protective clothing when fighting chemical fires. Cool exposed containers with water spray.

### 5. STABILITY AND REACTIVITY

**STABILITY DATA:** STABLE

**POLYMERIZATION:** Will Not Occur.

**HAZARDOUS DECOMPOSITION:** Nitrogen trichloride. Chlorines. Nitrous Oxide. Carbon Monoxide. Carbon Dioxide. Traces of: Phosgene.

**INCOMPATIBILITY (MATERIALS TO AVOID):** Nitrogen compounds such as ammonia or urea. Reducing agents. Organic matter.

**CONDITIONS/HAZARDS TO AVOID:** Extreme heat, direct sunlight. Moisture. Combustible materials.

### 6. HAZARDS IDENTIFICATION

#### EFFECTS FROM ACUTE EXPOSURE:

##### **INGESTION:**

Causes vomiting, nausea, and diarrhea. May cause burns to mucous membranes of mouth, throat, and digestive tract. Moderately toxic.

##### **SKIN CONTACT:**

Prolonged contact may lead to irritation and dermatitis. Prolonged contact causes severe burns which may not be immediately painful or visible.

##### **INHALATION:**

Inhalation of dust or mist may cause nose and respiratory irritation. Possible tissue damage.

##### **EYE CONTACT:**

Corrosive. Causes eye burns. May cause permanent eye damage. May cause blindness.

##### **CHRONIC EFFECTS:**

Dermatitis. Possible respiratory damage from inhalation of dust or mist.

##### **EFFECTS/CARCINOGENICITY:**

None listed under OSHA, IARC, or NTP.

##### **ROUTES OF ENTRY:**

Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation.

#### EMERGENCY AND FIRST AID MEASURES:

**DRI-CO, Powdered Laundry Bleach**

**INGESTION:** DO NOT INDUCE VOMITING. Drink several glasses of water or milk. Get immediate medical attention. Never give anything by mouth to an unconscious person. **SKIN:** Flush with water for at least 15 minutes while removing all contaminated clothing and shoes. Get medical attention if irritation or burns develop. **INHALATION:** If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. If breathing is difficult give oxygen. Get medical attention. **EYES:** In case of contact, or suspected contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention immediately after flushing.

**NOTES TO PHYSICIAN:** None.

**7. HANDLING AND STORAGE****SPILL PROCEDURES:**

**SMALL SPILLS:** Reclaim as much as possible. Flush with water.

**LARGE SPILLS:** Reclaim as much as possible. Shovel or sweep up residue and place in suitable containers. Flush remainder with water.

**WASTE DISPOSAL METHODS:**

Dispose in accordance with Federal, State and Local regulations.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:**

**WARNING:** Concentrated, alkaline powder. Avoid contact with eyes, skin and clothing. Do not breathe dusts. Store only in original container and keep closed. Store in a cool, dry area. Store in a well ventilated area. Mix only with cool water.

**OTHER PRECAUTIONS:**

Do not reuse container. Empty containers may retain product residue, follow MSDS/label precautions even after container is emptied. Contact with certain food sugars can release hazardous amounts of carbon monoxide gas in enclosed vessels. Read and follow label instructions.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**EXPOSURE CONTROLS:** None known.

**RESPIRATORY PROTECTION:** None normally required. Use NIOSH approved respirator with dust/mist filter as needed to meet exposure limits of mist in air.

**PROTECTIVE GLOVES:** Chemical resistant gloves. Neoprene. Rubber gloves.

**EYE PROTECTION:** Goggles. Face shield.

**OTHER PERSONAL PROTECTION EQUIPMENT:** Wear clean, body-covering clothing. Rubber boots. Eyewash fountains and safety showers must be easily accessible.

**VENTILATION:** None required. General mechanical and/or local exhaust as needed to meet exposure limits if mist in air.

Health and safety information presented on this form is generally applicable at recommended dilutions, varying only in degree. This information was compiled from current, reliable sources and is believed to be correct. As data, and/or regulations change, and conditions of use and handling are beyond our control, no warranty, express or implied, is made as to completeness or continuing accuracy of this information.

\*\*\* END OF MSDS \*\*\*