

# Material Safety Data Sheet

Number: **DMN0365**

Product Name: **L. L. Oxygen Bleach, Daco<sup>®</sup>**

A liquid hydrogen peroxide bleach.

Revised: 5/20/08

Damon Industries, Inc.  
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24 hour **Emergency Only** phone: 1-800-535-5053  
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## Section 2 - Composition / Information on Hazardous Ingredients

<u>Ingredient</u>	<u>CAS No.</u>	<u>Percent</u>	<u>Carcinogen</u>
Hydrogen Peroxide	7722-84-1	10 - 20%	No

## Section 3 - Hazards Identification

**Emergency Overview:** Liquid is corrosive to all body parts. A clear liquid with no odor. Product does not support combustion, but may release oxygen when heated in a fire. Product has a low pH and more than 1 gallon of concentrate should not be allowed into sewers without neutralizing.

**Health Hazards:** Corrosive, Irritant

**Physical Hazards:** Reactive

**Primary Routes of Entry:**  Through Skin  Inhalation  Ingestion

### Potential Health Effects:

**Eyes** - may cause severe damage. May cause temporary or permanent vision loss and blindness.

**Skin** - causes severe irritation, dermatitis and possible chemical burns. Prolonged contact can cause permanent damage to skin.

**Swallowing** - corrosive to mouth, throat, stomach and other tissues. May cause nausea and vomiting.

**Breathing** - inhalation of vapors is not hazardous. Inhalation of mist may cause irritation and possible damage.

## Section 4 - First Aid Measures

**Eye Contact:** Immediately flush eyes with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get medical attention immediately.

**Skin Contact:** Immediately flush skin with running water for 15 minutes. Remove contaminated clothing and shoes. If irritation persists, call a physician. Wash clothing before reuse.

**Inhalation:** If affected, move exposed person to fresh air. If irritation persists get medical attention.

**Ingestion:** If the product is swallowed, do NOT induce vomiting. If affected person is conscious, give a glass of water or milk to drink. Get medical attention immediately.

## Section 5 - Fire-Fighting Measures

**Flash Point:** None (ASTM D-56 closed cup)

**Lower Explosive Limit:** Not Applicable

**Upper Explosive Limit:** Not Applicable

**Extinguishing Media:** Any.

**Special Fire Fighting Procedures:** None.

**Unusual Fire And Explosion Hazards:** May react dangerously with rust, dirt, combustibles and other contaminants.

## Section 6 - Accidental Release Measures

**Steps To Be Taken If Material Is Released Or Spilled:** Small spills of 1 gallon or less may be wiped or mopped up. Larger spills should be diked to prevent spreading and then collected into clean pails or drums. Do not use sawdust or other combustible material as an absorbent.

## Section 7 - Handling and Storage

Empty containers retain product residue and may be hazardous. Observe all precautions given in this data sheet. Keep container closed when not in use. Store between 40° and 100° F.

## Section 8 - Exposure Controls / Personal Protection

<u>Ingredient</u>	<u>C.A.S. No.</u>	<u>Percent</u>	<u>TWA(source)</u>	<u>STEL</u>	<u>Ceiling</u>
Hydrogen Peroxide	7722-84-1	10 - 20%	1 ppm (1,2,3,4)	2 ppm (4)	-
(1)=OSHA (2)=NIOSH (3)=ACGIH (4)=CANADA TWA=8 hr Time Weighted Average STEL=15 minute TWA Ceiling=Instantaneous					

**Ventilation:** Good room ventilation. Four air changes per hour should be adequate.

**Respiratory Protection:** None when used as directed.

**Other Protective Equipment:** When changing containers, handling open containers or cleaning up spills wear resistant gloves such as neoprene or latex, safety glasses with side shields or goggles, vinyl or rubber apron and impervious shoes (not tennis shoes or sneakers). Do not use disposable latex gloves. An eyewash station should be located within 10 seconds travel time.

## Section 9 - Physical and Chemical Properties

**Boiling Point:** Not Available

**Specific Gravity:** 1.07

**Percent Volatiles:** 100%

**Solubility In Water:** Complete

**Appearance and Odor:** A clear liquid with no odor.

**Vapor Pressure:** Not Available

**Vapor Density:** Not Available

**Evaporation Rate:** Not Available

**pH:** concentrate 3.4 ± 0.5

## Section 10 - Stability and Reactivity

**Incompatibility:** Cyanides, nitric acid, oxidizing and reducing agents, rust, dirt, heavy metals and combustibles.

**Hazardous Decomposition Products:** Mixing or contact with incompatible materials may release oxygen gas and pressure burst if material is confined.

## Section 11 - Toxicological Information

**Target Organs:** None.

## Section 12 - Ecological Information

None.

## Section 13 - Disposal Considerations

**Waste Disposal Method:** Up to 1 gallon may be washed to a sanitary sewer with a large amount of water. Larger amounts require approval and neutralization. Contact Damon Industries for disposal of larger amounts.

## Section 14 - Transport Information

**D.O.T. Hazard Class:** HYDROGEN PEROXIDE, AQUEOUS SOLUTIONS, 5.1, UN 2984, P.G. III

## Section 15 - Regulatory Information

The components of this product are on the TSCA inventory of chemical substances.

## Section 16 - Other Information

**NFPA®:** H:1 F:0 I:1 **HMIS® III:** H:2 F:0 P:1 These ratings estimates are to be used only with a fully implemented training program in the workplace. NFPA® is a mark registered by the NFPA. HMIS® is a mark registered by the NPCA.

Replaces sheet dated 7/25/01.

The information accumulated herein is believed to be accurate but is not warranted to be. Recipients are advised to confirm in advance that the information is current, applicable, and suitable to their circumstances.