

# Material Safety Data Sheet

Number: **DMN0291**

## Product Name: **Daco<sup>®</sup> Premium Laundry Detergent Plus**

A granular detergent with an inorganic peroxygen bleach.

Revised: 5/20/08

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### Section 2 - Composition / Information on Hazardous Ingredients

<u>Ingredient</u>	<u>C.A.S. No.</u>	<u>Percent</u>	<u>Carcinogen</u>
Sodium Metasilicate	6834-92-0	2 - 10%	No
Sodium Percarbonate	15630-89-4	2 - 10%	No

### Section 3 - Hazards Identification

**Emergency Overview:** Dry powder is severely irritating to eyes, mildly irritating to skin. Solutions are irritating to eyes. Dust is irritating to eyes, nose and lungs. Product releases a small amount of oxygen when heated in a fire. Small amounts may be flushed into sanitary sewers with a large quantity of water. A white granular/powdered solid with fresh odor.

**Health Hazards:** Irritant

**Physical Hazards:** None

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

#### Potential Health Effects:

**Eyes** - powder causes severe irritation, redness, tearing, blurred vision, and possible damage. Solutions cause irritation.

**Skin** - may cause irritation or redness. Brief contact with powder or solutions has little or no effect when rinsed off soon.

**Swallowing** - may cause gastrointestinal irritation, nausea, and possibly burns.

**Breathing** - excessive inhalation of dust can cause irritation of mucous membranes.

### 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:** Wash the exposed area with soap and water. Brush powder off clothing.

**Inhalation:** Move the affected person to fresh air. If irritation persists get medical attention.

**Ingestion:** If the product is swallowed, do NOT induce vomiting. If the 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:** When heated in a fire a small amount of oxygen may be liberated which could burst a sealed container. Damp material in contact with organic material such as paper, wood, cloth, etc., may cause spontaneous combustion of the organic material.

### Section 6 - Accidental Release Measures

**Steps To Be Taken If Material Is Released Or Spilled:** Sweep up.

### Section 7 - Handling and Storage

Empty containers retain product residue and may be hazardous. Observe all precautions given in this data sheet. Store in a cool, dry place and keep containers closed. Do not store with combustible or flammable materials.

## 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>
Sodium metasilicate	6834-92-0	2 - 10%	no established limits are available		
Sodium percarbonate	15630-89-4	2 - 10%	no established limits are available		

(1)=OSHA (2)=NIOSH (3)=ACGIH (4)=CANADA TWA=8 hr Time Weighted Average STEL=15 minute TWA Ceiling=Instantaneous

**Ventilation:** None when used as directed.

**Respiratory Protection:** Usually none. If dust causes sneezing or irritation, wear a nuisance dust mask while scooping and handling dry product.

**Gloves:** Use rubber or latex gloves. Disposable latex gloves are okay.

**Eye Protection:** If eye contact with powder is possible, wear safety glasses with side shields.

**Other Protective Equipment:** An eyewash station should be within 10 seconds travel time.

## Section 9 - Physical and Chemical Properties

**Boiling Point:** Not Applicable

**Vapor Pressure:** Not Applicable

**Specific Gravity:** 1.0

**Vapor Density:** Not Applicable

**Percent Volatiles:** 0%

**Evaporation Rate:** Not Applicable

**Solubility In Water:** Complete

**pH:** of 1% solution: 11.5 ± 0.5

**Appearance and Odor:** A white granular/powdered solid with fresh odor.

## Section 10 - Stability and Reactivity

**Incompatibility:** Heat, moisture, metal salts, organic materials, heavy metals, oil and greases.

**Hazardous Decomposition Products:** May partially decompose in the presence of organic materials giving small amounts of oxygen and heat.

## Section 11 - Toxicological Information

**Target Organs:** None.

## Section 12 - Ecological Information

Do not dispose of product in the environment.

## Section 13 - Disposal Considerations

**Waste Disposal Method:** Put in regular trash. Up to 10 pounds may be washed to the sanitary sewer with about 10 gallons of water for every pound of product.

## Section 14 - Transport Information

**D.O.T. Hazard Class:** Not considered hazardous by D.O.T., I.M.C.O., I.A.T.A. or U.N.

## 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:0 **HMIS® III:** H:2 F:0 P:0 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 9/19/01.

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.