

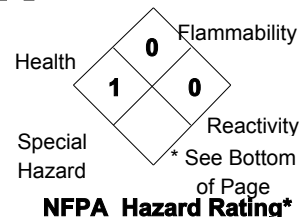
MATERIAL SAFETY DATA SHEET

Manufactured by:

SURFLEX
SERIES

**Anderson
Chemical Company**

325 SOUTH DAVIS AVENUE
LITCHFIELD, MINNESOTA 55355
(320) 693-2477



Product Name: Laundry Enzyme Presoak NP

24-HOUR EMERGENCY PHONE #: 1-800-424-9300 (CHEMTREC)

Revised: 2/01/2010 Imt
Supersedes: 2/20/2006

I. IDENTIFICATION

Chemical Name And Synonyms:

Not applicable

DOT Shipping Name

Not applicable

Chemical Family:

Not applicable

DOT Hazard Class & I.D. Number

Not applicable

PG

II. HAZARDOUS INGREDIENTS

Component	CAS NO.	%	TLV	PEL	Toxic	Hazard
Sodium Perborate	10486-00-7	20	none	15 mg/M3	NA	Corrosive to eyes and mucous membranes.
Sodium metasilicate	6834-92-0		NE	NE	NA	Corrosive to eyes, skin, respiratory and digestive tract
Sodium carbonate	497-19-8		NE	NE	NA	Irritant to eyes, skin, and mucous membranes.
Trade Secret	TSRN 8250		NE	NE	NA	May cause irritation to the eyes, skin, and respiratory tract.
Trade Secret	TSRN 6605		NE	NE	NA	May cause skin and eye irritation. Sensitizer.

**Toxic chemical subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR §372).

NA: Not applicable
NE: Not established

III. PHYSICAL DATA

Boiling Point: Not applicable

Specific Gravity: Not applicable

Appearance: White powder with brown flecks

Form: Solid

Solubility In Water: Complete

Odor: None

pH, 1% Soln.: 11.7

IV. FIRE AND EXPLOSION HAZARD DATA

Flashpoint: Not Applicable

Extinguishing Media: Not combustible. Use extinguishing method suitable for surrounding fire.

Special Fire Fighting Procedures: Although this product is not combustible, if a fire occurs in the near vicinity, good firefighting practice dictates the use of self-contained breathing apparatus and other protective gear.

Unusual Fire And Explosion Hazards: Decomposes with liberation of heat and oxygen which may intensify fire in combustible surroundings.

V. HEALTH HAZARD DATA

Carcinogenic: The raw materials used in this product are not considered to be a carcinogen by ACGIH and OSHA.

Effects Of Over-exposure: Can cause eye redness, irritation. May cause skin irritation, redness. Dusts may irritate the upper respiratory tract. Ingestion of large quantities may cause irritation, nausea, vomiting, diarrhea. Possible allergic reaction to individual sensitive to enzymes.

Emergency And First Aid Procedures: Eyes: Flush immediately with water for 15 minutes. Lift upper and lower eyelids for complete rinsing. Get immediate medical attention.

Skin: Flush with water for 15 minutes. If irritation persists after rinsing, get medical attention. Remove contaminated clothing and wash before reuse.

Ingestion: Rinse mouth with water. Give water to dilute. Do not induce vomiting. Get immediate medical attention. Never give anything by mouth to a semicomatose, comatose, convulsing or unconscious person.

Inhalation: Remove victim to fresh air. If breathing difficulty occurs or persists, get medical attention.

* NFPA/HMIS Degree or Hazard: 4 = Extreme; 3 = High; 2 = Moderate; 1 = Slight; 0 = Insignificant.

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HMIS A. Safety Glasses B. Safety Glasses, Gloves C. Safety Glasses, Gloves, Apron D. Face Shield, Gloves, Apron E. Safety Glasses, Gloves, Apron, Dust Respirator F. Safety Glasses, Gloves, Apron, Dust Respirator G. Safety Glasses, Gloves, Vapor Respirator H. Splash Goggles, Gloves, Apron, Vapor Respirator I. Safety Glasses, Gloves, Vapor and Dust Respirator J. Splash Goggles, Gloves, Apron, Vapor and Dust Respirator K. Air Line, Hood or Mask, Gloves, Full Suit, Boots X. Ask your supervisor for guidance.

VI. REACTIVITY DATA

Stability - Unstable: **Stable: x**
Conditions To Avoid: Dusty conditions, extreme heat and humidity.

Incompatibility: Strong oxidizers and strong acids, aluminum.
(Materials to Avoid)

Hazardous Decomposition Products: Thermal decomposition may include toxic phosphorus oxide, sodium oxide, carbon dioxide and carbon monoxide.
Hydrogen peroxide, oxygen which supports combustion.

VII. SPILL OR LEAK PROCEDURES

Steps To Be Taken In Case Material Is Released Or Spilled:

Small spills can be diluted with a large amount of water and flushed to sanitary sewer. Wear appropriate personal protective equipment. For large spills, sweep up and reuse if possible. Avoid the generation of dust. In case of contact with water, prevent runoff from entering into storm sewers and ditches which lead to natural waterways. Dilute remaining residue with water and neutralize.

Waste Disposal Method: Dispose according to federal, state and local regulations.

VIII. SPECIAL PROTECTION INFORMATION

Respiratory Protection: Respiratory protection is not required for normal use. If dust level is high, wear NIOSH approved respirator.

Ventilation: General mechanical and/or local ventilation to prevent release of dust into the work environment.

Protective Gloves: Rubber or chemical resistant.

Eye Protection: Safety glasses with side shields

Protective Clothing: Wear protective clothing appropriate to use conditions.

IX. SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling And Storing:

Avoid direct or prolong contact with skin and eyes. Avoid breathing dust. Do not ingest. Keep container closed when not in use. Store in a cool, dry, well ventilated area. Do not store with incompatible materials. Wash hands before eating, drinking, using tobacco and applying make-up. Do not store, use, and/or consume foods, beverages, tobacco in areas where this product is stored.

Other Precautions Safety showers, eyewash stations, and sinks should be maintained in work area.

X. REVISED INFORMATION

MSDS Status: MSDS review and update