

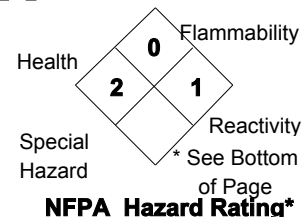
MATERIAL SAFETY DATA SHEET

Manufactured by:

SURFLEX
SERIES

**Anderson
Chemical Company**

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



NFPA Hazard Rating*

Product Name: Powdered Chlorine Bleach

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

Revised: 11/2/2010 lmt
Supersedes: 3/3/2000

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 carbonate	497-19-8		NE	NE	NA	Irritant to eyes, skin, and mucous membranes.
Sodium tripolyphosphate	7758-29-4		NE	NE	NA	Eye irritant
Sodium dichloroisocyanurate	51580-86-0	11	NE	NE	NA	Irritant to eyes and respiratory system.

**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

Form: Powder
Solubility In Water: Complete
Odor: Mild chlorine odor

pH, 1% Soln.: 10.45

IV. FIRE AND EXPLOSION HAZARD DATA

Flashpoint: Not applicable

Extinguishing Media: Water. Do not use dry chemical extinguisher containing ammonia compounds.

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. Cool fire-exposed containers with water.

Unusual Fire And Explosion Hazards: When heated to decomposition, may release poisonous and corrosive fumes of nitrogen trichloride, chlorine, and CO.

V. HEALTH HAZARD DATA

Carcinogenic: The raw materials used in this product are not considered to be a carcinogen by NTP, IARC, and OSHA

Effects Of Over-exposure: Severe irritation and/or burns can occur following eye exposure. Contact may cause permanent eye injury. Can cause severe irritation and/or burns to skin characterized by redness and swelling. Inhalation to the nose, mouth, throat and lungs. Can result in shortness of breath, wheezing, choking, chest pain, and impairment of lungs function. Ingestion can cause irritation and/or burns can occur characterized by nausea, vomiting, diarrhea, abdominal pain, bleeding.

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 semi-comatose, comatose, convulsing or unconscious person.

Inhalation: Remove victim from immediate source of exposure to fresh air. If breathing is difficult, administer oxygen if available. If victim is not breathing, administer CPR. If individual experiences nausea, headache, or dizziness, get immediate 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, 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: Heating above decomposition

Incompatibility: Organic materials, acids, reducing agents, nitrogen containing materials, other oxidizers, acids, bases, oils, grease, (Materials to Avoid) sawdust, dry fire extinguishers containing monoammonium compounds.

Hazardous Decomposition Products: Thermal decomposition may yield chlorine gas, nitrogen trichloride, halogenated compounds, hydrogen chlorite, oxides of phosphorous, sodium, and sulfur. Carbon dioxide and carbon monoxide may be released upon combustion.

VII. SPILL OR LEAK PROCEDURES

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

Evacuate nonessential personnel. Ventilate area. Wear appropriate personal protection equipment. Completely contain spilled material with dikes or sandbags, etc., and prevent run-off into ground or surface waters or sewers. Recover as much material as possible into containers for disposal or reuse. Remaining material may be diluted with water and neutralized; neutralize chlorine by adding sodium sulfite, or sodium thiosulfate; then neutralize alkalinity by adding a dilute acid. Flush spill area with water followed by a liberal covering of sodium bicarbonate. Neutralization products, both solid and liquid, must be recovered for disposal.

Waste Disposal Method: Dispose of in accordance with federal, state or local disposal authorities.

VIII. SPECIAL PROTECTION INFORMATION

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

Ventilation: Good general ventilation.

Protective Gloves: Neoprene gloves

Eye Protection: Use chemical safety glasses.

Protective Clothing: If repeated or prolonged contact is anticipated, wear protective clothing appropriate to use conditions.

IX. SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling And Storing:

Do not get in eyes, on skin, or clothing. Wash thoroughly after handling. Wear protective clothing/equipment. Do not breathe dust. Use with adequate ventilation. Do not ingest. Keep containers tightly closed and properly labeled. Containers that have been emptied will retain product residue and should be handled as if they were full. Store in a cool, dry, well-ventilated place away from incompatible materials. Wash hands before eating, drinking, using tobacco, applying make-up or using the toilet. Do not store, use, and/or consume foods, beverages, tobacco in areas where this product is stored. Do not store above 140 deg F.

Other Precautions Safety shower and eyewash stations should be provided in the areas where this product is handled.

X. REVISED INFORMATION

MSDS Status: MSDS review and update