

# Material Safety Data Sheet

# U.S. Department of Labor

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072



## IDENTITY

BLEACH POWDERS

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

## Section I

Manufacturer's Name: Chapman Products

Emergency Telephone Number

1-800-736-5072

Address PO Box 6533 Greenville, SC 29607

Telephone Number for Information

1-800-736-5072

Date Prepared 06-20-03

Effective: Supersedes:

Signature of Preparer (optional)

## Section II - Hazard Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity;

Other Limits

Common Name(s))

OSHA PEL ACGIH TLV Recommended % (optional)

Mica 12001-26-2, Carbormer 9007-16-3, Potassium Persulfate 7727-21-1, Sodium Silicate 1344-09-8, Sodium Persulfate 7775-27-1, Polyethylene 9002-88-4, Sodium Metasilicate 6834-92-0, Sodium Stearate 822-16-2 (10 mg/m<sup>3</sup> TLV), Sodium Perborate 7632-04-4, Sodium auryl Sulfate 151-21-3, Silica 7631-86-9, Hydroxypropyl 9004-65-3, Methylcellulose, Hydrated Silica 10279-57-9 (10 mg/m<sup>3</sup> TLV), Hydroxyethylcellulose 9004-62-0 (6mg/m<sup>3</sup> PEL), Aluminium Distearate 300-92-5 (10mg/m<sup>3</sup> TLV), Disodium EDTA 139-33-3, Mineral Oil 8012-95-1 (5mg/m<sup>3</sup>, PEL as a mist), Ultramarine Blue 12769-96-9, Sorbitol 50-70-4, D&C Yeloo No 10 68814-04-0, Fragrance.

## Section III - Physical/Chemical Characteristics

Boiling Point N/A

Specific Gravity (H<sub>2</sub>O = 1)

0.4-0.46

Vapor Pressure (mm Hg.) N/A

Melting Point

N/A

Vapor Density (AIR = 1) N/A

Evaporation Rate  
(Butyl Acetate = 1)

N/A

Solubility in Water

Insoluble. Some dispersability

Appearance and Odor

Off white or tinted powders with sharp odor

## Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)

N/A

Flammable Limits  
N/A

LEL  
N/A

UEL  
N/A

Extinguishing Media N/A

Special Fire Fighting Procedures : Extinguish fires with water, ABC all purpose or CO<sub>2</sub> extinguisher. By calling the type of extinguisher used

Should conform with local fire regulations

Unusual Fire and Explosion Hazards CAUTION! Oxidizers! EXPLOSIVE HAZARD when mixed with finely powdered organic matter, metal, powder or reducing agents. Strong oxidizing materials. Decomposes to oxygen which may intensify fire in combustible surroundings

**Section V - Reactivity Data**

Stability	Unstable Yes		Conditions to Avoid Heat, moisture, reducing agents, such as waving lotions. Avoid impact. Do not subject
	Stable:		

**Incompatibility (Materials to Avoid)**

Acids, alkalis, halides, heavy metals, combustible materials. Do not use metallic bowls or stirrers.

**Hazardous Decomposition or Byproducts**

Ammonia, oxygen, ozone and fumes of sulfuric acid.

Hazardous Polymerization			Conditions to Avoid
	May Occur		N/A
	Will Not Occur:		

**Section VI - Health Hazard Data**

Route(s) of Entry:	Inhalation? Yes	Skin? Yes	Ingestion? Yes
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**Health Hazards (Acute and Chronic)** For purpose of chronic exposure under the OSHA Hazard Communication Standard, this is an untested mixture. It contains ingredients that may present health hazards. These are amorphous silicas, ammonium persulfates, potassium persulfates and sodium persulfates. These ingredients are irritating to skin and mucous membrane of the eyes and respiratory system. They may trigger asthmatic attacks in sensitive individuals.

**Carcinogenicity:** NTP? No IARC Monographs? No OSHA Regulated? No

**Signs and Symptoms of Exposure:** **Eye contact:** CAUTION, eye irritant. When the bleach powders are mixed with hydrogen peroxide, the mixture may cause severe irritation and possible permanent eye injury. **Inhalation:** Respiratory tract irritant. May cause asthmatic attack in sensitized individuals. **Skin Contact:** May induce an allergic skin reaction in

**Medical Conditions****Generally Aggravated by Exposure**

Pre-existing dermatitis could be made worse by exposure to bleach powder products. Bronchitis may be aggravated by irritant vapors.

**Emergency and First Aid Procedures:**

**Eye Contact:** Remove contact lens. Flush immediately with plenty of water for 15 minutes. Get medical attention immediately

**Section VII - Precautions for Safe Handling and Use**

**Steps to Be Taken in Case Material is Released or Spilled:** Material release or spill: Small quantities (less than a cupful) can CAUTION!; Mixing bleach powder with organic material such as paper towels, clothing (particularly if it's damp) must be avoided

**Waste Disposal Method**

Disposal should be in accordance with all applicable local, State, and Federal Regulations.

**Precautions to Be taken in Handling and Storing**

Keep in cool dry area. Avoid impact and contamination. Avoid reducing agents such as waving lotions. Do not store

**Other Precautions**

Do not generate dust when transferring and handling bleach powders.

**Section VIII - Control Measures****Respiratory Protection (Specify Type)**

Avoid inhalation

Ventilation	Local Exhaust: Exhaust system ventilation should be adequate to avoid build up of vapors	Special: N/A
	Mechanical (General): N/A	Other: N/A

**Protective Gloves:** Use impervious gloves **Eye Protection:** Use eyewear, if splashing is possible

**Other Protective Clothing or Equipment:** N/A

**Work/Hygienic Practices** Always follow good hygienic practices. Avoid all skin, eye, and clothing contact with products. In case of contact, rinse thoroughly with water. Promptly clean up all small spills.