Product Name/Category: Logics Bleach Powders (Includes Powders, Activators and Protinators)

Powder lighteners are designed to be used with developers alone. Activators and Protinators are designed to be used with lightener lotions and hydrogen peroxide (developeers). This MSDS covers Bleach Powders. Consult MSDS for hydrogen peroxide (developers) and lightener lotions.

SECTION I

Manufacturer's Name
Bristol Myers Squibb Company
Consumer Products Division

Address (Number, Street, City, State, and ZIP Code:)
One Blachley Road, Stamford, CT 06902 Attention: Patricia Heyl

Emergency Telephone Number:	Date Prepared:	Transportation Emergency:
(203) 357-5678	May 1986	Call Chemtrec 1-800-424-9300

Distributor's Name
Matrix Essentials, Inc.

Address (Number, Street, City, State, and ZIP Code:)
30601 Carter Street, Solon, Ohio 44139

This sheet has been prepared in accordance with the requirements of the OSHA Hazard Communication Standard.

SECTION II - Ingredients Identity/Hazards Evaluation

Bleach Powders generally contain (1% concentration or greater):

CTFA NAME	CAS #	EXPOSURE LIMITS
Potassium Persulfate	7727-21-1	
Sodium Silicate	1344-09-8	
Sodium Persulfate	7775-27-1	
Ammonium Persulfate	7727-54-0	
Polyethylene	9002-88-4	
Polyethylene	9002-88-4	
Sodium Metasilicate	6834-92-0	
Sodium Stearate	822-16-2	10 mg/m^3 TLV
Sodium Perborate	7632-04-4	
Sodium Lauryl Sulfate	151-21-3	
Silica	7631-86-9	10 mg/m^3 TLV, 6 mg/m^3 PEL
Hydroxypropyl Methylcellulose	9004-65-3	
Hydrated Silica	10279-57-9	10 mg/m^3 TLV, 6 mg/m^3 PEL
Aluminum Distearate	300-92-5	10 mg/m^3 TLV
Disodium EDTA	139-33-3	
Titanium Dioxide	13463-67-7	10 mg/m^3 TLV, PEL, 5 mg/m^3 resp
Ultramarine Blue	12769-96-9	
Sorbitol	50-70-4	
D&C Yellow No. 10 Aluminum Lake	Unknown	

SECTION III - Physical/Chemical Characteristics

Specific Gravity H_2O = 1): Powders 0.40 - 0.46
Protinators/Activators: 1.06 - 1.29

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): Not applicable.

Fire Fighting Procedures:

Extinguishing Media: ABC all purpose extinguisher or CO_2 extinguisher, foam, water, water fog. Excess of water or water fog should be used until it stops smoking. The type of fire extinguisher should be in conformance 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.

Physical Hazards: Oxidizers according to OSHA Hazard Communication Standard.

SECTION V - Reactivity Data

Stability: Unstable Conditions to Avoid: Heat, moisture, reducing agents, such as waving lotions, Avoid impact. Do not subject to friction. May build static electrical charges.

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 or sulfuric acid.

SECTION VI - Health Hazard Data

The TLV of the mixture has not been established.

1. Effects of Acute Accidental Exposure:

   Eye Contact: CAUTION, eye irritant. When the bleach powders are mixed hydrogen peroxide, the mixture may cause severe irritation and possible permanent eye injury.

   Skin Contact: Skin irritant.

   Inhalation: Respiratory system irritant. May cause asthmatic attack in sensitive individuals.

   Ingestion: Moderately toxic.

2. Effects of Chronic Exposure. For purposes 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

SECTION VI - (Continued)

membrane of the eyes and respiratory system. They may trigger asthmatic attacks in sensitive individuals. They may induce skin sensitization and respiratory hypersensitivity.

Target Organs: Eye, Skin, respiratory system.

3. Route of Entry: Inhalation, ingestion, skin contact.

4. Medical conditions generally aggravated by exposure will be related to the primary toxic (pharmacologic) effect of this material; pre-existing dermatitis would likely be made worse by skin irritant, bronchitis is aggravated by irritant gases or particles in the air. Asthmatic attacks are precipitated in sensitive individuals.

Emergency and First Aid Procedures (Contact Poison Control Center)

1. Eye Contact - Remove contact lenses if used.Flush with plenty of water immediately. Get medical attention IMMEDIATELY.

2. Skin Contact - Rinse immediately with water. Change into clean clothing if spilled on clothes. Should allergic reaction develop consult a a dermatologist.

3. For any signs of breathing difficulty or shortness of breath, remove person to fresh air, seek IMMEDIATE medical attention.

SECTION VII - (Continued)

Steps to Be Taken in Case Material is Released or Spilled:

Small quantities (less than a cupful) can be swept up and flushed down the drain with excess of water. Larger amounts should be swept up gently (to avoid dusting) and placed in a clean, dry container for disposal. Do not mix with other waste. CAUTION: Mixing bleach powder with other organic materials such as paper towels, clothing, (particularly if it is 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. Avoid contamination. Avoid reducing agents such as waving lotions. Do not store bleach powder after it has been mixed with developer and lightener lotion. The container may rupture. AVOID damp organic materials like paper towels, wood, clothing, etc. Spontaneous combustion of organic materials may results.
Reseal plastic bag and canister top tightly. Keep out of reach of children.

Other Precautions:

Do not generate dust when transferring and handling bleach powders.

SECTION VIII - Control Measures

Ventilation: Use exhaust system. Ventilation should be adequate to avoid build up of irritating concentrations.

Eye Protection: None required. Avoid contact with eyes.

Protective gloves: Yes.

Respiratory Protection: None required. Avoid inhalation. When opening packette hold it away from face.

Work Hygienic Practices:

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

DOT Class: Not Regulated.

IATA/ICAO: Not Regulated.

IDMG CODE: Not Regulated.