Material Safety Data Sheet

MSDS:00005 **Status: Approved**

Date Approved:02/03/2000

Worldwide Beauty Care
(Clairol, Inc.; Matrix Essentials, Inc.; Duart Labs; Redmond Products, Inc.)
Bristol-Myers Squibb Company
One Blachley Road
Stamford, CT 06922

Emergency Telephone Number:
(203) 357-5678

Transportation Emergency:
Call Chemtrec 1-800-424-9300

This sheet has been prepared in accordance with the Requirements of the OSHA Hazard Communication Stand· 1, 29 CFR 1910.1200.

Section I - Categorization

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

Pertinent Text: Powder lighteners are designed to be used with developers alone. Activators and Protinators are designed to be used with lightener lotions and hydrogen peroxides (developers). This MSDS covers bleach powders. See appropriate MSDS for hydrogen peroxide (developers) and lightener lotions.

Product Names: Basic White, Born Blonde Activator, BW 2000, BW 2, Clairol Professional Lightener, ColorErase, Complements Lightening Gel , Frost & Tip, Hair Painting, Kaleidocolors, Logics Crystal Catalyst, Logics Light Reactions, Maxi Blonde, Nuances, Ultra Blue, Uncolor, Colorgraphics Lightening Powder, LeBleach, SoColor Scalp Bleach Powder Booster. , BWII

Section II - Ingredients Identity/Exposure Limits

Bleach Powders (Includes Powders, Activators and Protinators) generally contain the following hazardous ingredients:

CTFA NAME	CAS#
ULTRAMARINES	1345002
AMMONIUM HYDROXIDE	1336216
EXPOSURE LIMIT: 25 PPM TLV, 35 PPM STEL, 50 PPM PEL, AS AMMONIA	
ISOPROPYL ALCOHOL	67630
EXPOSURE LIMIT: 400 PPM TLV, PEL 500 PPM STEL	
SILICA	7631869
EXPOSURE LIMIT: 10 mg/m³ TLV, 6 mg/m³ PEL	
SODIUM METASILICATE	6834920
SODIUM LAURYL SULFATE	151213
EDTA	60004
NONOXYNOL-4	7311275
DISODIUM EDTA	139333
HYDROXYPROPYL METHYLCELLULOSE	9004653
SODIUM STEARATE	822162
EXPOSURE LIMIT: 10 mg/m³ TLV	
CARBOMER (934)	9007163
HEXYLENE GLYCOL	107415
EXPOSURE LIMIT: 25 PPM CEILING ACGIH	
SODIUM SILICATE	1344098
MINERAL OIL	8012951
EXPOSURE LIMIT: 5 mg/m³ TLV, PEL AS AN OIL MIST	
TITANIUM DIOXIDE	13463677
OLEIC ACID	112801
AMMONIUM PERSULFATE	7727540
EXPOSURE LIMIT: 0.1 mg/m³ TLV	
SILICA	7631869
EXPOSURE LIMIT: 10 mg/m³ TLV, 6 mg/m³ PEL	
POTASSIUM PERSULFATE	7727211
EXPOSURE LIMIT: 0.1 mg/m³ TLV	
AMMONIUM PERSULFATE	7727540
EXPOSURE LIMIT: 0.1 mg/m³ TLV	
SODIUM PERSULFATE	7775271
EXPOSURE LIMIT: 0.1 mg/m³ TLV	
ALUMINUM STEARATE	7047849
EXPOSURE LIMIT: 10 mg/m³ TLV	
NONOXYNOL-2	27176938

YELLOW 10 LAKE	977058777
HYDROXYETHYLCELLULOSE	9004620
PEG-14M	25322683G
POLYETHYLENE	9002884
ALUMINUM DISTEARATE	300925
EXPOSURE LIMIT: 10 mg/m' TLV	
SODIUM STEARATE	822162
EXPOSURE LIMIT: 10 mg/m'TLV	
HYDRATED SILICA	10279579
EXPOSURE LIMIT: 10 mg/m' TLV, 6 mg/m'PEL	
SORBITOL	50704
TETRASODIUM EDTA	64028
SODIUM COCOYL ISETHIONATE	61789320
MICA	12001262
EXPOSURE LIMIT: 3 mg/m'RESPIRABLE TLV, 20 MPPCF, PEL	
SODIUM PERBORATE	7632044
FRAGRANCE	999999999
SODIUM COCOYL ISETHIONATE	61789320
DISODIUM LAURYL SULFOSUCCINATE	13192126

Section III - Physical/Chemical Characteristics

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

Flashpoint: Not applicable. **Unit:** N/A **Type:** Not applicable.
Method: Not applicable.

Fire Fighting Procedures:
Deluge with water,ABC all-purpose or CO2 extinguisher. The type of extinguisher should conform to local fire regulations.
Unusual Fire and Explosion Hazards:
Avoid contamination with combustible organic matter (e.g. oil,sawdust,damp paper towels,etc.),metal,powder,or reducing agents. Upon contamination with moisture,damp organic liquids or powders,decomposition can occur,leading to fire. On decomposition,releases oxygen which may intensify fire.
Physical Hazards
Not applicable.

Section V - Reactivity Data

Stability:	Stable under normal storage and handling conditions.
Conditions to Avoid:	Heat,moisture,reducing agents such as waving lotions.
Incompatibility (Materials ot Avoid):	Acids,alkalis,halides,heavy metals,combustible materials.
Hazardous Decomposition or ByProducts:	Ammonia,oxygen,ozone and fumes of sulfuric acid.

Section VI- Health Hazards and 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 with hydrogen peroxide,the mixture may cause severe irritation and possible permanent eye injury.
Skin Contact:	May induce irritation or allergic skin reaction in sensitized individuals.
Inhalation:	Respiratory tract 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 membrane of the eyes and respiratory system. They may trigger asthmatic attacks in sensitive individuals. They may induce skin sensitization and respiratory hypersensitivity.

3. Carcinogen Status:

OSHA: No	NTP: No	IARC: No

4. Route of Entry:

Inhalation: Yes	Ingestion: Yes	Skin: Yes

5. Pre-existing dermatitis would likely be made worse by exposure to these products. Bronchitis may be aggravated by irritant vapors.

6. Emergency and First Aid Procedures

Eye Contact:	Remove conta.. ienses,if used. Flush immediately with plenty of water for 15 minutes. Get medical attention IMMEDIATELY.
Skin Contact:	If spilled,wash skin immediately with soap and water (do not use solvents). Change into clean clothing. If allergic reaction develops,contact dermatologist.
Inhalation:	Remove person to fresh air. Increase ventilation.
Ingestion:	Rinse out mouth with water and administer large amounts of milk. Contact Poison Control Center.

Section VII - Precautions for Safe Handling and Use

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. Large 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:

Products covered by this MSDS,in their original form,are considered non-hazardous waste according to RCRA. Disposal should be in accordance with all applicable local,state and federal regulations.

Precautions to be Taken in Handling and Storage:

Keep in cool,dry,and well ventilated area. Avoid hot and humid environment. 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 exposure to,or contamination with,liquid or damp organic materials (e.g. paper towels,wood,clothing,etc.). If contaminated,spontaneous combustion may occur. Reseal plastic bag and canister top tightly to keep out moisture and other contaminants. Do not generate dust when transferring and handling bleach powders.

Section VIII - Control Measures

Ventilation:

Exhaust system ventilation should be adequate to avoid buildup of vapors.

Hand Protection:

Use impervious gloves to avoid possible skin irritation or sensitization.

Eye Protection:

Avoid contact with eyes. Use protective eyewear,if splashing is possible.

Other Types of Protection:

Not applicable.

Respiratory Protection:

Avoid inhalation.

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 spills.

Section IX - Transportation Information

DOT Class: Not regulated. **IMDG:** Not regulated. **IATA/ICAO:** Not regulated.

MSDSTRADE#5.d