

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 Standard, 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/m ³ TLV, 6 mg/m ³ 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/m ³ TLV | |
| CARBOMER (934) | 9007163 |
| HEXYLENE GLYCOL | 107415 |
| EXPOSURE LIMIT: 25 PPM CEILING ACGIH | |
| SODIUM SILICATE | 1344098 |
| MINERAL OIL | 8012951 |
| EXPOSURE LIMIT: 5 mg/m ³ TLV, PEL AS AN OIL MIST | |
| TITANIUM DIOXIDE | 13463677 |
| OLEIC ACID | 112801 |
| AMMONIUM PERSULFATE | 7727540 |
| EXPOSURE LIMIT: 0.1 mg/m ³ TLV | |
| SILICA | 7631869 |
| EXPOSURE LIMIT: 10 mg/m ³ TLV, 6 mg/m ³ PEL | |
| POTASSIUM PERSULFATE | 7727211 |
| EXPOSURE LIMIT: 0.1 mg/m ³ TLV | |
| AMMONIUM PERSULFATE | 7727540 |
| EXPOSURE LIMIT: 0.1 mg/m ³ TLV | |
| SODIUM PERSULFATE | 7775271 |
| EXPOSURE LIMIT: 0.1 mg/m ³ TLV | |
| ALUMINUM STEARATE | 7047849 |
| EXPOSURE LIMIT: 10 mg/m ³ 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 ₂ O = 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 to Avoid): | Acids, alkalis, halides, heavy metals, combustible materials. |
| Hazardous Decomposition or By Products: | 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 contact lenses, 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