

## Material Safety Data Sheet

**MSDS:** 0002A  
**Date Approved:** 11/1/2000

Worldwide Beauty Care  
(Clairol, 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

**Category:** Color Maintenance Conditioner Products.  
Color Refreshers bonds with the hair to help haircolor resist fading and oxidation.  
**Product Names:** Color Hold Color Refreshers

### Section II - Ingredients/Identity Exposure Limits

Color Maintenance Conditioner Products generally contain the following hazardous ingredients (1% concentration or greater; 0.1% for carcinogens):

CTFA NAME	CAS#
CETYL ESTERS	8002231
CETEARYL ALCOHOL	67762270
CARAMEL	8028895
BEHENTRIMONIUM CHLORIDE	17301530

### Section III - Physical/Chemical Characteristics

**Specific Gravity (H<sub>2</sub>O=1):** 0.960 - 0.980

**pH:** 6.9-7.9

**Solubility in Water:** Poor. Dispersible in water.

**Appearance and Odor:** Mild fragranced liquids, cremes, pourable emulsions.

### Section IV - Fire and Explosion Hazard Data

**Flashpoint:** >200°

**Unit:** Fahrenheit

**Type:** Not applicable.

**Method:** closed cup

#### Fire Fighting Procedures:

Extinguish fires with ABC all-purpose extinguisher. The type of extinguisher used should be in conformance with local fire regulations. Fire fighters should use self contained breathing apparatus in enclosed areas.

#### Unusual Fire and Explosion Hazards:

None.

#### Physical Hazards:

None.

**Section V - Reactivity Data**

**Stability:** Stable.  
**Conditions to Avoid:** Heat and sunlight.  
**Incompatibility (Materials to Avoid):** Not applicable.  
**Hazardous Decomposition or By Products:** None.

**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.  
**Skin Contact:**  
May cause skin irritation or sensitization in sensitized individuals.  
**Inhalation:**  
Not applicable.  
**Ingestion:**  
Moderately toxic.

**2. Effects of Chronic Exposure**

For purposes of chronic exposure under the OSHA Hazard Communication Standard this is an untested mixture. These products have been used extensively by consumers and Worldwide Beauty Care is not aware of any significant adverse effects.

**3. Carcinogen Status:**

OSHA: No                      NTP: No                      IARC: No

**4. Route of Entry:**

Inhalation: No                      Ingestion: Yes                      Skin: Yes

5. Pre-existing dermatitis would likely be made worse by exposure to these products.

**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 skin irritation or sensitization 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:**

Contain spill and promptly clean up. Flush with water and wipe with towel or rinse to drain. Floor can be slippery when wet.

**Waste Disposal Method:**

Products covered by this MSDS, in their original form, are considered non-hazardous waste according to RCRA. Additionally, disposal should be in accordance with all applicable Local, State and Federal Regulations.

**Precautions to be Taken in Handling and Storage:**

Do not expose to sunlight. Keep away from radiators and heat.

**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/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/CAO:** Not regulated.