

Material Safety Data Sheet-PPD

MSDS:0001A

Date Approved:07/21/2000

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

Product Category: Oxidative (Permanent), Ammoniacal, Non-Flammable Hair Colors

Pertinent Text: Oxidative Hair Colors contain low concentrations of dye intermediates in an aqueous base. They are mixed with the developer (hydrogen peroxide) before use. A separate MSDS exists for hydrogen peroxide.

Product Names: Balsam Color, Beautiful Collection Permanent, Hydrience, Motif, Revitalique, Herbal Essences High Lift Hair Colors

Section II - Ingredients Identity/Exposure Limits

Oxidative (Permanent), Ammoniacal, Non-Flammable Hair Colors generally contain the following hazardous ingredients (1% concentration or greater; 0.1% for carcinogens):

<u>CTFA Name</u>	<u>CAS Number</u>
M-AMINOPHENOL	591275
N,N-BIS(2-HYDROXYETHYL)-P-PHENYLENEDIAMINE SULFATE	58262445
RESORCINOL	108463
EXPOSURE LIMIT:10 ppm TLV, 20 ppm STEL	
P-PHENYLENEDIAMINE	106503
EXPOSURE LIMIT:0.1 mg/m3 TLV, PEL, SKIN, OSHA	
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	
ETHOXYDIGLYCOL	111900
GLYCERIN	56815
EXPOSURE LIMIT:AS A MIST 10 mg/m3 TLV, 15 mg/m3 TOTAL: 5 mg/m3	
RESPIRABLE OSHA PEL	
ETHANOLAMINE	141435
EXPOSURE LIMIT:3 ppm TLV, PEL, 6 ppm STEL	
LAURETH-23	9002920
OLEALKONIUM CHLORIDE	37139994
OLEIC ACID	112801
AMODIMETHICONE	977091647
STEARETH-21	977080811
DISODIUM WHEATGERMAMPHODIACETATE	977169304
SODIUM LAURETH-13 CARBOXYLATE	33939649G
LINOLEAMIDOPROPYL DIMETHYLAMINE DIMER DILINOLEATE	125804106
COCAMIDE MEA	68140001
CYCLOMETHICONE	69430246
BEHENTRIMONIUM CHLORIDE	17301530
POLYQUATERNIUM-22	53694170
DILINOLEIC ACID	6144281
DECYL GLUCOSIDE	58846778

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FRAGRANCE	999999999
C11-15 PARETH-9	977054902
OLEAMIDE MIPA	111057
FRAGRANCE	999999999
CETYL ALCOHOL	36653824
STEARYL ALCOHOL	112925
OLEYL ALCOHOL	143282
C12-15 PARETH-3	98000085
FRAGRANCE	999999999
PROPYLENE GLYCOL	57556
SOYTRIMONIUM CHLORIDE	61790418
STEARETH-21	977080811
OLETH-10	24871349
COCAMIDOPROPYL BETAINE	61789400

Section III - Physical/Chemical Characteristics

Specific Gravity ($H_2O = 1$): 0.995-1.009

Solubility in Water: Partly soluble.

pH: 9.5-10.8

Appearance and Odor: Fragranced liquids.
Ammoniacal odor.

Section IV - Fire and Explosion Hazard Data

Flashpoint: Between 100 and 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:

Not applicable.

Physical Hazards

Combustible.

Section V - Reactivity Data

Stability:

Stable.

Conditions to Avoid:

None.

Incompatibility (Materials to Avoid):

Acids.

Hazardous Decomposition or ByProducts:

May form toxic materials (carbon dioxide, carbon monoxide and ammonia).

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. Unmixed oxidation haircolors are eye irritants. When oxidation haircolors are mixed with developers (hydrogen peroxide), the mixture may cause severe irritation and possible permanent eye injury.

Skin Contact: May cause skin irritation or sensitization in sensitized individuals.

Inhalation: Inhalation of ammonia vapors may result in respiratory irritation.

Ingestion: Moderately toxic.

2. Effects of Chronic Exposure

A composite mixture of oxidation dyes has been tested in prolonged topical exposure studies of laboratory animals. No adverse effects on growth, reproduction or general health were observed. In topical studies no target organ toxicity was observed other than limited effect on treated skin.

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. 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. Do not store any haircolor after it has been mixed with developer. Decomposition of hydrogen peroxide may occur with increase in pressure and possible container rupture.



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/ICAO: Not regulated.

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