

Material Safety Data Sheet-PPD

MSDS:0001F

Date Approved:

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: Oxidation (Permanent) Hair Colors, Non-Ammonia, Non -Flammable.

Pertinent Text: Oxidation 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: Texture & Tones Permanent Haircolor, Men's Choice, Natural Instincts, Lasting Colors, Complements Gel Color Long Lasting Semi-Permanent, Natural Instincts for Men, Herbal Essences Hair Colors except High Lift Shades

Section II - Ingredients Identity/Exposure Limits

Oxidation (Permanent) Hair Colors, Non-Ammonia, Non -Flammable. 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
2-NITRO-P-PHENYLENEDIAMINE	5307142
RESORCINOL	108463
EXPOSURE LIMIT:10 ppm TLV, 20 ppm STEL	
P-PHENYLENEDIAMINE	106503
EXPOSURE LIMIT:0.1 mg/m3 TLV, PEL, SKIN, OSHA	
P-AMINOPHENOL	123308
ISOPROPYL ALCOHOL	67630
EXPOSURE LIMIT:400 ppm TLV, PEL, 500 ppm STEL	
ETHOXYDIGLYCOL	111900
ETHANOLAMINE	141435
EXPOSURE LIMIT:3 ppm TLV, PEL, 6 ppm STEL	
LAURETH-23	9002920
OLEALKONIUM CHLORIDE	37139994
POLYSORBATE 20	9005645
HEXYLENE GLYCOL	107415
EXPOSURE LIMIT:25 ppm CEILING ACGIH	
NONYL NONOXYNOL-49	9014931A
OLEIC ACID	112801
CITRIC ACID	77929
AMINOMETHYL PROPANOL	124685
NONOXYNOL-2	27176938
2-METHYLRESORCINOL	608253
4-AMINO-2-HYDROXYTOLUENE	2835952
CETEARYL ALCOHOL	67762270
COCAMIDOPROPYL BETAINE	61789400
COCAMIDE MEA	68140001
OLETH-10	24871349

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BEHENTRIMONIUM CHLORIDE	17301530
SODIUM CARBONATE	497198
FRAGRANCE	999999999
DECYL GLUCOSIDE	58846778
DIHYDROXYPROPYL PEG-5 LINOLEAMMONIUM CHLORIDE	98000070
C12-15 PARETH-3	98000085
AMODIMETHICONE	977091647
FRAGRANCE	999999999
STEARETH-21	977080811
PROPYLENE GLYCOL	57556
SOYTRIMONIUM CHLORIDE	61790418
FRAGRANCE	999999999
1-HYDROXYETHYL 4,5 -DIAMINO PYRAZOLE SULFATE	155601302
ASCORBIC ACID	50817
C11-15 PARETH-9	977054902
DILINOLEIC ACID	6144281
FRAGRANCE	999999999
PROPYLENE GLYCOL	57556

Section III - Physical/Chemical Characteristics

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

pH:

9.5-10.8

Solubility in Water: Partly soluble.

Appearance and Odor:

Fragranced liquids.

Section IV - Fire and Explosion

Hazard Data

Flashpoint: $>200^{\circ}$

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

None.

Section V - Reactivity Data

Stability:

Stable.

Conditions to Avoid:

Heat and sunlight.

Incompatibility (Materials to Avoid):

Acids.

Hazardous Decomposition or

None.

ByProducts:

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 vapors may result in respiratory irritation.

Ingestion: Moderately toxic.

2. Effects of Chronic Exposure

A composite mixture of oxidative dyes has been tested in prolonged topical exposure studies of laboratory animals. No adverse effects on growth, reproduction or general health were observed. These results show that these ingredients pose no carcinogenic hazard to humans under normal conditions of exposure. In topical studies, other than limited effect of treated skin, no target organ toxicity was observed in respect to any organ.

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. 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 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: Lasting Color:
Consumer
Commodity
ORM-D. Other
products not
regulated.

IMDG: Lasting Color:
Finished Goods in
Limited Quantities
of Class 3. Other
products not
regulated.

IATA/ICAO: Lasting Color:
Consumer
Commodity,
Class: 9, ID 8000
Packing
Instructions 910.
Other products
not regulated.

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