

Material Safety Data Sheet-PPD

MSDS:0001C

Date Approved:09/04/2001

Clairel, a Division of P&G
One Blachley Road
Stamford, CT 06922

Emergency Telephone Number:

(203) 357-5678

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: Ammoniacal Oxidation (Permanent) Hair Colors, 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: Miss Clairol, Summer Blonde Lightener, Complements Gel Color Permanent, Creme Toner, MC Max

▼
Section II - Ingredients Identity/Exposure Limits

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

| CTFA Name | CAS Number |
|--|------------|
| 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 | |
| PROPYLENE GLYCOL | 57556 |
| AMMONIUM HYDROXIDE | 1336216 |
| EXPOSURE LIMIT:25 ppm TLV, 35 ppm STEL, 50 ppm PEL, as AMMONIA | |
| ETHOXYDIGLYCOL | 111900 |
| ETHANOLAMINE | 141435 |
| EXPOSURE LIMIT:3 ppm TLV, PEL, 6 ppm STEL | |
| NONOXYNOL-4 | 7311275 |
| OLEALKONIUM CHLORIDE | 37139994 |
| HEXYLENE GLYCOL | 107415 |
| EXPOSURE LIMIT:25 ppm CEILING ACGIH | |
| OLEIC ACID | 112801 |
| STEARYL ALCOHOL | 112925 |
| SOYTRIMONIUM CHLORIDE | 61790418 |
| ISOPROPYL ALCOHOL | 67630 |
| EXPOSURE LIMIT:400 ppm TLV, PEL, 500 ppm STEL | |
| NONOXYNOL-2 | 27176938 |
| LAURYL ALCOHOL | 112538 |

| | |
|--|-----------|
| 4-AMINO-2-HYDROXYTOLUENE | 2835952 |
| STEARETH-21 | 977080811 |
| PEG-15 COCOPOLYAMINE | 977159208 |
| COCAMIDE MEA | 68140001 |
| FRAGRANCE | 999999999 |
| DECYL GLUCOSIDE | 58846778 |
| PROPYLENE GLYCOL | 57556 |
| PEG-3 DIOLEOYLAMIDOETHYLMONIUM METHOSULFATE | 98000176 |
| FRAGRANCE | 999999999 |
| STEARETH-21 | 977080811 |
| PROPYLENE GLYCOL | 57556 |
| SOYTRIMONIUM CHLORIDE | 61790418 |
| OLEAMIDE MIPA | 111057 |
| POLYQUATERNIUM-22 | 53694170 |
| CYCLOMETHICONE | 69430246 |
| DIHYDROXYETHYL TALLOW GLYCINATE | 61791455 |
| GLYCERIN | 56815 |
| EXPOSURE LIMIT:AS A MIST 10 mg/m ³ TLV, 15 mg/m ³ TOTAL: 5 mg/m ³ RESPIRABLE OSHA PEL | |
| OCTOXYNOL-1 | 2315675 |

Section III - Physical/Chemical Characteristics

Specific Gravity (H₂O = 1): 0.995 -1.009

Solubility in Water: Partially miscible.

pH: 9.5 - 10.8

Appearance and Odor: Fragranced liquids.
Ammoniacal odor.

Section IV - Fire and Explosion

Hazard Data

| | | | |
|--------------------------|----------------|------------|---|
| Flashpoint: <100° | Unit: | Fahrenheit | Type: For products containing alcohol. |
| | 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

According to OSHA,these products are considered to be flammable.

Section V - Reactivity Data

Stability: Stable.

Conditions to Avoid: Heat and sunlight.

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.

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 (40 CFR 261.21(1)). Additionally,disposal should be in accordance with all applicable Local,State and Federal regulations.

Precautions to be Taken in Handling and Storage:

Follow flammable liquid handling and storage requirements. 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. Keep away from heat and other ignition sources.

▼ 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: Consumer
Commodity ORM-D

IMDG: Ethanol Solutions
(Limited Quantity)
3.3 UN1170, PGIII
(Flash Point)

IATA/ICAO: Consumer
Commodity
Class: 9, ID
8000 Packing
Instruction 910

Printable Word Document (double click to launch Word and Print from Word)