

Material Safety Data Sheet

MSDS:0001F-1

Status:

Date Approved: 12/20/2002

Clairol, a Division of P&G
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) Hair Colors, Non-Ammonia, Non-Flammable.

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: Radiance Color Gloss, Natural Instincts 94 & 98

Section II - Ingredients

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

CTFA NAME	CAS#
M-AMINOPHENOL	591275
N,N-BIS(2-HYDROXYETHYL)-P-PHENYLENEDIAMINE SULFATE	58262445
2-NITRO-P-PHENYLENEDIAMINE	5307142
RESORCINOL	108463
P-PHENYLENEDIAMINE	106503
ETHOXYDIGLYCOL	111900
LAURETH-23	9002920
POLYSORBATE 20	9005645
NONYL NONOXYNOL-49	9014931A
OLEIC ACID	112801
AMINOMETHYL PROPANOL	124685
2-METHYLRESORCINOL	608253
DIHYDROXYPROPYL PEG-5 LINOLEAMMONIUM CHLORIDE	98000070
AMODIMETHICONE	977091647
4-AMINO-2-HYDROXYTOLUENE	2835952
ETHANOLAMINE	141435
COCAMIDOPROPYL BETAINE	61789400
FRAGRANCE	99999999

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Section III - Physical/Chemical Characteristics

Specific Gravity (H₂O = 1): 0.995-1.009 **pH:** 9.5-10.5
Solubility in Water: Partially miscible. **Appearance and Odor:** Fragranced liquids.

Section IV - Fire and Explosion Hazard Data

Flashpoint: >200° **Unit:** N/A **Type:** Not applicable.
Method: Not applicable.

Fire Fighting Procedures:

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 ByProducts: 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. 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

These products contain 2-nitro-p-phenylenediamine, which fed at extremely high doses, were found to cause benign liver tumors in female mice (NTP). These effects were not observed in feeding studies in male mice or male and female rats. Independent pathologists and oncologists have concluded that the results are not relevant to human health. In topical studies no target organ toxicity was observed other than limited effects on treated skin.

3. Carcinogen Status: OSHA: No NTP: Yes (2 Nitro PPD) IARC: 2 Nitro PPD is not Classifiable (Group 3)

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. 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.

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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 hair color 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.