

## Material Safety Data Sheet

**MSDS:** 00004A  
**Date Approved:** 12/20/2002  
Clairol, A Division of P&G  
One Blachley Road  
Stamford, CT 06922

**Status:**

**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:** Peroxides (Thirty (30) and Forty (40) Volume Developers)  
**Pertinent Text:** Water-like or white emulsions containing 9% or 12% levels of hydrogen peroxide, emulsifying waxes and pH buffer.  
**Product Names:** Balsam Color Developing Lotion for Shades 598 and 599, Clairoxide Developers 30 and 40 Volumes, Herbal Essences Haircolor 10, 13, 14, 16, 20,21, 22, 24, 25, 27,29,34, 48.5, 48.7, 49, 49.4, 49.5, 74,XL0, XL1, XL2, XL4, XL10, Hydrience Developer for Shades XL01,XL02 and XL03, Miss Clairol Shampoo Developers for Shades A1 and 15S, Nice'N Easy Developer for Shades 87, 88, 89, 97, 98, 101B, 103B,106B, 114C, 116B, 118B, 118C, 120C, 126, Pure White Creme Developers 30 and 40 Volumes, Revitalique Developers for Shades 08,10, 12, 14, 16, Summer Blonde Lightener Canada, Textures & Tones Developer for Shades 7G, 4RV, 6R, 8RO, Ultress Developers for Shades 11N,11G and 10N, L'Image 798, 799, 800, 801, and Xtreme FX Industrial Blonde Developer

### Section II – Ingredients

Peroxides (Thirty (30) and Forty (40) Volume Developers) generally contain the following hazardous ingredients (1% concentration or greater; 0.1% for carcinogens):

CTFA NAME	CAS#
NONOXYNOL-4	7311275
CETYL ALCOHOL	36653824
ISOPROPYL PALMITATE	142916
NONOXYNOL-9	26571119
HYDROGEN PEROXIDE	7722841
PEG-50 TALLOW AMIDE	8051636
GLYCERYL STEARATE	31566311
CETEARYL ALCOHOL	67762270
STEARETH-21	977080811
PEG-50 HYDROGENATED PALMAMIDE	98000050
OLETH-5	5353275
OLETH-2	5274657
ACRYLATES COPOLYMER	25085692
C12-15 PARETH-3	98000085

### Section III - Physical/Chemical Characteristics

**Specific Gravity (H<sub>2</sub>O=1):** 0.985-1.192

**pH:** approximately 3.5

**Solubility in Water:** Miscible.

**Appearance and Odor:** Clear-water-thin liquids or viscous creamy white and bluish emulsion. Faint fragrance or no odor.

### Section IV - Fire and Explosion Hazard Data

**Flashpoint:** Non combustible.

**Unit:** N/A

**Type:** Not applicable.

**Method:** Not applicable.

#### 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:

Decomposition, which may be caused by heat or combustion, will release oxygen which will increase the explosive limit range and burning rate of flammable vapors.

#### Physical Hazards:

Oxidizer.

### Section V - Reactivity Data

#### Stability:

Unstable.

#### Conditions to Avoid:

Heat and sunlight.

#### Incompatibility (Materials to Avoid):

Reducing agents; such as waving lotions; heavy metals and many flammables. Do not use metallic bowls or stirrers.

#### Hazardous Decomposition or By Products:

Oxygen

### 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. Developers are eye irritants. May cause severe irritation and possible permanent eye injury.

##### Skin Contact:

Prolonged contact with skin may bleach it and cause burns.

##### Inhalation:

Not likely to be inhaled.

##### Ingestion:

Moderately toxic.

#### 2. Effects of Chronic Exposure

When developers were mixed with hair dyes and applied to the skin of animals for prolonged periods, no adverse effects on growth, reproduction or general health were observed. Prolonged contact with skin may result in bleaching and irritation of skin.

Target Organs: Skin.

#### 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 irritation 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:**

Unusable and/or spilled product should be properly contained, accumulated, segregated and managed as Hazardous Waste by appropriately trained personnel.

### **Waste Disposal Method:**

Products covered by this MSDS, in their original form, are considered hazardous waste (Oxidizer-D001) 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:**

Keep in cool place. Avoid contamination. Keep closed when not in use. Store in the original tightly capped containers away from sunlight, heat, sparks and flame. Do not store any tint, lightener lotion or bleach powder after it has been mixed with developer; the container may rupture. Never return unused material to original container. Empty containers should be rinsed with water before discarding. Keep out of reach of children. Other precautions: 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.

### **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:** 30 and 40 Volumes Only: Consumer Commodity ORM-D

**IMDG:** 30 and 40 Volume with a limit of 1 kg/piece (inner packaging), Hydrogen Peroxide, aqueous solution, 5.1, UN2984, PGIII, Limited Quantity

**IATA/ICAO:** Not authorized by air transportation