



MATERIAL SAFETY DATA SHEET

Date: 26/04/2007

Status: Approved

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, International (collect) 703-527-3887

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: 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 Name: Balsam Color Developing Lotion for shades 598 and 599, Clairoxide Developers 30 and 40 Volumes, Herbal Essences Developers for shades 10, 12, 14, 16, 19, 23, 24, 25, 30, 36, 48.5, 49, XL2, XL4, XL10, XL0, XL1, HL1, HL2, HL3, HLM2, HLF1, HLF3, Hydrience Developers for shades XL01, XL02 and XL03, L'Image Developers for shades 799 and 801, Motif Developer for shades 10.1 and 10.21, Miss Clairol Shampoo Developer for shade 15, Natural Dimensions Developers, Nice 'N Easy Developers for shades 87, 88, 89, 97, 98, 101B, 103, 103B, 106B, 111, 119A, 116A, 127, 128, 129, 130, and 132, Pure White Creme Developers 30 and 40 Volumes, Summer Blondes Developers, Textures and Tones Developers for shades 4RV, 6R, 7G, 8RO, Ultrass Developers for shades 10N, 11A, 11G and 11N.

Section II - Ingredients Identity/Exposure Limits

CTFA NAME	CAS#	Exposure Limit
GLYCERYL STEARATE	31566311	10 mg/m ³ TLV
NONOXYNOL-4	7311275	
LAURETH-4	5274680	
LAURETH-23	9002920	
CETYL ALCOHOL/STEARYL ALCOHOL	67762270	
ISOPROPYL PALMITATE	142916	
HYDROGEN PEROXIDE	7722841	1 ppm TLV, PEL
PEG-50 TALLOW AMIDE	8051636	
OLETH-5	5353275	
CETEARYL ALCOHOL	67762270	
ACRYLATES/STEARETH-20 METHACRYLATE COPOLYMER	977109355	
CETEARETH-20	68439496	
OLETH-2	5274657	
ACRYLATES COPOLYMER	25085692	
PHOSPHORIC ACID	7664382	
LAURAMIDE DEA	120401	2 mg/m ³ TWA
DISODIUM EDTA	139333	15 mg/m ³
OLEYL ALCOHOL	143282	
STYRENE/VP COPOLYMER	25086297	
ETIDRONIC ACID	2809214	
SIMETHICONE	Mixture	
STEARETH-21	9005009	
POLYQUATERNIUM 37/PROPYLENE GLYCOL DICAPRYLATE/DICAPRATE/PPG-1 TRIDECETH-6	Mixture	
STEARAMIDOPROPYL DIMETHYLAMINE	7651027	
PEG-75 LANOLIN/WATER	61790816	
PEG-50 HYDROGENATED PALMAMIDE	Not Available	
EMULSIFYING WAX	8005445	
OLETH-10	9004982	

Section III - Physical/Chemical Characteristics

Specific Gravity (H₂O = 1): 0.9850 – 1.1920
Solubility in Water: Miscible.
pH: Approximately 2.8 – 3.6
Appearance and Odor: Clear-water-thin liquids or viscous creamy white emulsion. Faint fragrance or no odor.

Section IV - Fire and Explosion Hazard Data

Flashpoint: Non-combustible

Unit: Not applicable

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: None.

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

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 organ: 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. 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 physician.

Inhalation: Remove person to fresh air. Increase ventilation. Contact a physician.

Ingestion: 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 or sensitization.
Eye Protection:	Avoid contact with eyes. In cases of splashing, use protective eyewear.
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, thoroughly rinse with water. Promptly clean up 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
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DISCLAIMER: This MSDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. It is not meant to be an all-inclusive document on worldwide hazard communication regulations. All P&G operations must comply with applicable local and national MSDS/Hazard Communication Regulations.

This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment.