

## Material Safety Data Sheet

**MSDS:** 00006  
**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:** Lightener Lotions  
**Petinent Text:** Hair lighteners are composed of lightener lotions that are mixed with hydrogen peroxide (developers). A third component is often added to accelerate the lightening. These are called either protinators or accelerators and they are found under the category of Bleach Powders. This MSDS covers Lightener Lotions. Consult separate MSDS's for bleach powder and hydrogen peroxide (developers).  
**Product Names:** Born Blonde Liquid Lightener, 7th Stage Liquid Lightener, Complements Lightening Gel, Lady Clairol Instant Whip Liquid Lightener, Maxi Blonde Lightener, Super Ultra Blue Canada, Ultra Blue Creme Lightener, Ultra Blue Lady Clairol Lightener, Xtreme FX Bleach-Out Lotion Lightener, Frost & Tip Highlightening Creme, BW Crème Lightener, Xtreme FX Industrial Blonde Liquid L'Image Maxi Blonde, Herbal Essences XL0 and XL1.

### Section II - Ingredients

Lightener Lotions generally contain the following hazardous ingredients (1% concentration or greater; 0.1% for carcinogens):

CTFA NAME	CAS#
PROPYLENE GLYCOL	57556
AMMONIUM HYDROXIDE	1336216
ISOPROPYL ALCOHOL	67630
ETHOXYDIGLYCOL	111900
GLYCERIN	56815
TRIDECETH-6	24938918
NONYL NONOXYNOL-10	9014931G
ETHANOLAMINE	141435
PEG-5 SOYAMINE	61791240G
HEXYLENE GLYCOL	107415
OLETH-20	9004982
NONYL NONOXYNOL-49	9014931A
CETYL ALCOHOL	36653824
ALCOHOL DENAT.	64175
OLEIC ACID	112801
SODIUM LAURYL SULFATE	151213
ETHYL HYDROXYMETHYL OLEYL OXAZOLINE	68140987
STEARETH-21	977080811
OLETH-20	9004982
DILINOLEIC ACID	6144281
C12-15 PARETH-3	98000085
SOYTRIMONIUM CHLORIDE	61790418
OLEAMIDE MIPA	111057
FRAGRANCE	99999999
OLETH-2	5274657

## Section II - Ingredients (cont.)

DISODIUM WHEATGERMAMPHODIACETATE	977169304
LINOLEAMIDOPROPYL DIMETHYLAMINE DIMER DILINOLEATE	125804106
BEHENTRIMONIUM CHLORIDE	17301530
C11-15 PARETH-9	977054902
STEARAMIDE MEA	111579
COCAMIDE MEA	68140001
CETEARYL ALCOHOL	67762270
POLYQUATERNIUM-47	98000150
POLYQUATERNIUM-22	53694170

## Section III - Physical/Chemical Characteristics

**Specific Gravity (H<sub>2</sub>O=1):** 0.9-1.1

**pH:** N/A

**Solubility in Water:** Fairly miscible (thickens with water).

**Appearance and Odor:** Fragranced, pourable emulsions. Ammoniacal odor.

## Section IV - Fire and Explosion Hazard Data

**Flashpoint:** 75 - 104<sup>0</sup>

**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:

None.

### Physical Hazards:

Products containing alcohol are usually flammable or combustible liquids.

## Section V - Reactivity Data

### Stability:

Stable.

### Conditions to Avoid:

Heat and sunlight.

### Incompatibility (Materials to Avoid):

Do not use metallic bowls or stirrers.

### Hazardous Decomposition or By Products:

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. Eye irritants. When the lightener lotion is mixed with hydrogen peroxide, the mixture may cause severe irritation and possible permanent eye injury.

#### Skin Contact:

Irritant. May induce a skin reaction in certain individuals.

#### Inhalation:

Ammonia vapor may cause respiratory tract irritation.

#### Ingestion:

Moderately toxic.

### 2. Effects of Chronic Exposure

For purposes of chronic exposure under the OSHA Hazard Communication Standard, this is an untested mixture. These products have been used extensively by consumers and Beauty Care is not aware of any significant adverse effects. Release of ammonia vapors may result in irritation of the mucous membranes of the respiratory tract. Target Organs: These products contain ingredients which have been shown to affect tissues or organs when fed at high levels to animals. Exposure from professional uses of these products is well below the exposure levels used in animal studies. Target organs identified in animal studies are as follows: Glycerin: Kidney, Liver; Isopropyl Alcohol: CNS; SD Alcohol 40: Liver, Eye, CNS, Reproductive; Propylene Glycol: CNS

## Section VI - Health Hazards and Hazard Data (cont.)

### 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 skin reaction 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 (a) (1) ). Additionally, disposal should be in accordance with all applicable Local, State and Federal regulations.

### Precautions to be Taken in Handling and Storage:

Do not store any lightener lotion after it has been mixed with developer and bleach powder. 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:** Consumer Commodity ORM-D

**IMDG:** Ethanol Solutions 3.3 UN1170, PGIII (75-104F) Limited Quantity

Born Blonde Lightener, Ultra Blue Lightener, Xtreme FX Tool Kit Highlighting, and Xtreme FX Industrial Blonde Bleach kits all contain Oxidizing Solid, N.O.S. (Potassium Persulfate, Ammonium Persulfate, Sodium Persulfate), (List appropriate content) 5.1, UN 1479, PGIII, Limited Quantity

Summer Blonde Lightener Canada : 30 Volume with a limit of 1 kg/piece (inner packaging), Hydrogen Peroxide, aqueous solution, 5.1, UN2984, PGIII, Limited Quantity

**IATA/ICAO:** Born Blonde Lightener, Ultra Blue Lightener, Xtreme FX Tool Kit Highlighting, Xtreme FX Industrial Blonde Bleach, and Summer Blonde Lightener Canada Not Authorized For Air Transportation.

All others: Consumer Commodity Class: 9, ID 8000 Packing Instructions 910