

Product Name/Category: Logics Lightener Lotions

Hair lighteners are composed of lightener lotions and 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 Bleach Powders. This MSDS covers Lightener Lotions. Consult separate MSDS for bleach powder and hydrogen peroxide (developers).

SECTION IManufacturer's Name

Bristol Myers Squibb Company

Consumer Products Division

Address (Number, Street, City, State, and ZIP Code:)

One Blachley Road, Stamford, CT 06902

Attention: Patricia Hevl

Emergency Telephone Number:

(203) 357-5678

Date Prepared:

May 1986

Transportation Emergency:

Call Chemtrec 1-800-424-9300

Distributor's Name

Matrix Essentials, Inc.

Address (Number, Street, City, State, and ZIP Code:)

30601 Carter Street, Solon, Ohio 44139

This sheet has been prepared in accordance with the requirements of the OSHA Hazard Communication Standard.

SECTION II - Ingredients Identity/Hazards Evaluation. Lightener Lotions generally contain (1% concentration or greater):

<u>CTFA NAME</u>	<u>CAS #</u>	<u>EXPOSURE LIMITS</u>
Oleic Acid	112-80-1	
Coceth-7 Carboxylic Acid	Unknown	
Isopropyl Alcohol	67-63-0	400 ppm TLV, PEL, 500 ppm STEL
Nonoxynol-4	9016-45-9	
PPG-50 Cetyl Ether	9035-85-2	
SD Alcohol 40	64-17-5	1000 ppm TLV, PEL, (ethyl alcohol)
Nonoxynol-9	26027-38-3	
Octoxynol-1	9002-93-1	
Sodium Laureth-11 Carboxylate	33939-64-9	
Ethyl Hydroxymethyl Oleyl Oxazoline	68140-97-7	
PEG-5 Soyamine	61791-24-0	
Propylene Glycol	57-55-6	
Hexylene Glycol	107-41-5	C 25 ppm TLV, PEL
Nonyl Nonoxynol-10	9014-93-1	
Ethanolamine	141-43-5	3 ppm TLV, PEL, 6 ppm STEL
Ammonium Hydroxide	1336-21-6	25 ppm TLV ammonia 35 ppm STEL
Lauramide DEA	120-40-1	
Ethoxydiglycol	111-90-0	
Nonyl Nonoxynol-49	9014-93-1	
Trideceth-6	24938-91-8	
Linoleamide DEA	56863-02-6	
Cetyl Alcohol	36653-82-4	
Sodium Laureth 13 Carboxylate	Unknown	
Soytrimonium Chloride	61790-41-8	
Hydrogen Peroxide	7722-84-1	
Steareth-21	9005-00-9	

SECTION II- (Continued)

<u>CTFA NAME</u>	<u>CAS #</u>	<u>EXPOSURE LIMITS</u>
PEG-15 Cocopolyamine	Unknown	
Polysorbate-20	9005-64-5	
Glycerin	56-81-5	10 mg/m ³ TLV, PEL as a mist, 5 mg/m ³ resp OSHA
Sodium Lauryl Sulfate	151-21-3	
Cocamide DEA	61791-31-9	
PEG-8 Tallow Amine	61791-26-2	
Sulfated Castor Oil	8002-33-3	
Phosphoric Acid	7664-38-2	1 mg/m ³ TLV, PEL, 3 mg/m ³ STEL
Laureth-23	9002-92-0	

SECTION III - Physical/Chemical Characteristics

Specific Gravity (H₂O = 1): 0.9 - 1.1

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

Appearance and Odor:

Fragranced, pourable emulsions. Ammoniacal odor.

SECTION IV - Fire and Explosion Hazard Data

Flash Point (Method Used):

For product containing alcohol: 75° - 104°F, closed cup.

Fire Fighting Procedures:

Extinguishing Media: Water. Products containing alcohol: ABC all-purpose, or CO₂ extinguisher. The type of fire extinguisher used should be in conformance with local fire regulations.

Unusual Fire and Explosion Hazards: None.

Physical Hazards:

Products containing alcohol are generally flammable or combustible liquids.

SECTION V - Reactivity Data

Stability: Stable Conditions to Avoid: Heat

Incompatibility (Materials to Avoid):

Do not use metallic bowls or stirrers. Avoid acids.

Hazardous Decomposition or Byproducts: None.

SECTION VI - Health Hazard Data

The TLV of the mixture has not been established.

1. Effects of Acute Accidental Exposure:

Eye Contact: Eye irritants. CAUTION! When the lightener lotion is mixed with hydrogen peroxide (developer), the mixture may cause severe irritation and possible permanent eye injury.

Skin Contact: Skin irritant.

Inhalation: Ammonia vapor may cause respiratory tract irritation.

Ingestion: Non-toxic.

MATRIX ESSENTIALS, INC.

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SECTION IV - (Continued)

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 Clairol 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, central nervous system (CNS)
Isopropyl Alcohol: CNS
SD Alcohol 40: Liver, eye, CNS, reproductive
Propylene Glycol: Kidney, CNS

3. Route of Entry: Inhalation: Yes Ingestion: Yes Skin: Yes
4. Medical conditions generally aggravated by exposure will be related to the primary toxic (pharmacologic) effect of this material; pre-existing dermatitis would likely be made worse by a skin irritant, bronchitis is aggravated by irritant gases or particles in the air. For products containing alcohol, there may be specific problems such as intake of alcohol by person taking Antabuse.

Emergency and First Aid Procedures:

1. Eye Contact: Remove contact lenses if used. Flush with water. If irritation develops get medical attention. If lightener lotion mixed with hydrogen peroxide (developer) gets into the eye, flush immediately with large amounts of water. Get medical attention IMMEDIATELY.
2. Skin Contact: Flush with water. Change into clean clothing if spilled on clothing. Allergic reaction not expected. Should an allergic reaction occur, consult a dermatologist.
3. Inhalation: Remove to fresh air. Get medial attention.

SECTION VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled:

Mop and flush with water. Floors can be slippery when wet.

Waste Disposal Method:

Disposal should be in accordance with all applicable Local, State, and Federal Regulations.

Precautions to Be Taken in Handling and Storing:

Store flammable products away from heat in a room with even, normal temperature. Do not store any lightener lotion after it has been mixed with developer and bleach powder. The container may rupture.

Other Precautions: None.

SECTION VIII - Control Measures

Ventilation: Use exhaust system. Ventilation should be adequate to avoid buildup of irritating concentrations of vapors.

Eye Protection: None required. Avoid contact with eyes.

Protective Gloves: Yes.

Respiratory Protection: Avoid inhalation.

Special Protection: Not necessary.

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 small spills.

DOT Class

Consumer Commodity ORM-D.

IATA/ICAO: Cosmetics N.O.S., in small inner packages Class 9 ID 8005 Packing Inst. 910

IMDG: Dangerous Goods in Limited Quantities of Class 3