

Material Safety Data Sheet

MSDS: 00002-1
Date Approved: 11/1/2000

Worldwide Beauty Care
(Clairol, Inc.; Duart Labs; Redmond Products, Inc.)
Bristol-Myers Squibb Company
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

Category: Semipermanent Hair Colors.
Non-ammoniacal hair dye formulations used without peroxide.
Product Names: Silk & Silver Shades

Section II - Ingredients/Identity Exposure Limits

Semipermanent Hair Colors generally contain the following hazardous ingredients (1% concentration or greater; 0.1% for carcinogens):

CTFA NAME	CAS#
ETHOXYDIGLYCOL	111900
HYDROXYETHYLCELLULOSE	9004620
OLEIC ACID	112801
PEG-50 TALLOW AMIDE	8051636
AMINOMETHYL PROPANOL	124685
HC BLUE NO. 2	33229344
TRIMETHYLSILYLAMODIMETHICONE	977088826
LAURAMIDE DEA	120401

Section III - Physical/Chemical Characteristics

Specific Gravity (H₂O=1): 0.992 -1.997

pH: 8.3-9.3

Solubility in Water: Miscible.

Appearance and Odor: Clear fragranced amber liquid.

Section IV - Fire and Explosion Hazard Data

Flashpoint: > 200°
Type: Not applicable.

Unit: Fahrenheit
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:

None.

Section V - Reactivity Data

Stability:

Stable.

Conditions to Avoid:

Heat and sunlight.

Incompatibility (Materials to Avoid):

Not applicable.

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 irritant.

Skin Contact:

May cause skin irritation or sensitization in sensitized individuals.

Inhalation:

Not likely to be irritating.

Ingestion:

Moderately toxic.

2. Effects of Chronic Exposure

National Toxicology Program studies on diethanolamine (DEA), itself and fatty acid condensates containing free diethanolamine (lauramide and cocamide diethanolamines), indicated an increased incidence of kidney and/or liver tumors in mice dermally exposed for their lifetime. The significance of these findings and their potential relevance to humans are not clear and further studies are in progress. Diethanolamine or its condensates did not induce tumors in rats. In the interim, the U.S. CIR, which had previously considered these materials as "safe as used", has expressed reservation over NTP's conclusions and saw no need to revise its conclusions until several outstanding questions on the NTP methodology are answered.

The semipermanent dye products have been tested in lifetime skin painting studies on laboratory animals. No adverse effects on growth, reproduction or general health were observed. In topical studies, other than limited effect on treated skin, no target organ toxicity was observed to any organ.

3. Carcinogen Status:

OSHA: No

NTP: Yes (DEAs)

IARC: DEA 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.

Section VI – Health Hazards and Hazard Data (Continued)

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 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.

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 Local, State and Federal Regulations.

Precautions to be Taken in Handling and Storage:

Do not expose to sunlight. Keep away from radiators and heat.

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.