

## Material Safety Data Sheet-PPD

**MSDS:00007-1**

**Date Approved:**

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**

**Product Category:** Shampoos

**Pertinent Text:** Viscous colored liquids or emulsions containing surfactants to cleanse the hair.

**Product Names:** Texture & Tones Moisturizing Shampoo, Complements Maintenance Shampoo, Condition 3-In-1 Shampoos, Daily Defense Shampoos, Shimmer Lights Shampoo

**Section II - Ingredients Identity/Exposure Limits**

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

<u>CTFA Name</u>	<u>CAS Number</u>
GLYCERIN	56815
EXPOSURE LIMIT: AS A MIST 10 mg/m <sup>3</sup> TLV, 15 mg/m <sup>3</sup> TOTAL: 5 mg/m <sup>3</sup> RESPIRABLE OSHA PEL	
SALICYLIC ACID	69727
SODIUM CHLORIDE	7647145
COCAMIDE DEA	61791319
LAURAMIDE DEA	120401
SODIUM CITRATE	68042
ALCOHOL DENAT.	64175
EXPOSURE LIMIT: 1000 PPM TLV, PEL (ETHYL ALCOHOL)	
DISODIUM COCOAMPHODIACETATE	68650395
SODIUM LAURYL SULFATE	151213
AMMONIUM LAURYL SULFATE	2235543
DISODIUM COCAMIDO MIPA-SULFOSUCCINATE	68515651
DISODIUM COCOAMPHODIACETATE	68650395
GLYCOL STEARATE	111604
SODIUM LAUROYL SARCOSINATE	137166
COCAMIDOPROPYL BETAINE	61789400
SODIUM C14-16 OLEFIN SULFONATE	68439576
LAURAMIDE DEA	120401
SODIUM LAURETH SULFATE	1335724
PEG-120 METHYL GLUCOSE DIOLEATE	86893198
TEA-LAURYL SULFATE	139968
PEG-15 COCOPOLYAMINE	977159208
COCAMIDE MEA	68140001
SODIUM LAURYL SULFATE	151213
FRAGRANCE	999999999
PROPYLENE GLYCOL	57556
LINOLEAMIDOPROPYL PG-DIMONIUM CHLORIDE PHOSPHATE	977162530
FRAGRANCE	999999999
SODIUM LAURETH SULFATE	1335724
SODIUM LAURYL SULFATE	151213

SODIUM LAURYL SULFATE	151213
COCAMIDOPROPYL BETAINE	61789400
SODIUM LAURETH SULFATE	1335724
SODIUM LAURYL SULFATE	151213
COCAMIDOPROPYL BETAINE	61789400
FRAGRANCE	999999999
SODIUM LAURETH SULFATE	1335724
DISODIUM LAUROAMPHODIACETATE	14350971
SODIUM TRIDECETH SULFATE	25446780
COCAMIDOPROPYL BETAINE	61789400
PEG-80 SORBITAN LAURATE	977090199
SODIUM LAURETH SULFATE	1335724
FRAGRANCE	999999999
COCAMIDOPROPYL BETAINE	61789400
SODIUM LAURETH SULFATE	1335724
SODIUM LAURYL SULFATE	151213
FRAGRANCE	999999999
SODIUM LAUROYL SARCOSINATE	137166
FRAGRANCE	999999999

**Section III - Physical/Chemical Characteristics**Specific Gravity (H<sub>2</sub>O = 1): 0.9-1.2

Solubility in Water: Highly miscible.

pH:

4 - 7

Appearance and Odor:

Fragranced liquids or pourable emulsions.

**Section IV - Fire and Explosion****Hazard Data**

Flashpoint:

>200<sup>0</sup>

Unit:

Fahrenheit

Type: Not applicable.

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:

None.

Incompatibility (Materials to Avoid):

Not applicable.

Hazardous Decomposition or

None.

By Products:

**Section VI - Health Hazards and Hazard Data**

The TLV of the mixture has not been established.

**1. Effects of Acute Accidental Exposure**

Eye Contact:

Eye irritant.

Skin Contact:

Potential skin irritant.

Inhalation:

Not applicable.

Ingestion:

Slightly toxic.

## 2. Effects of Chronic Exposure

National Toxicology Program studies on diethanolamine itself and fatty acid condensates containing free diethanolamine (DEA) (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 tumor in rats. In the interim, the US 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 conclusion until several outstanding questions on the NTP methodology are answered. 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 Worldwide Beauty Care is not aware of any significant adverse effects. Target Organs: These products contain ingredients which have been shown to affect tissues or organs when fed at high levels of exposure in animal studies not encountered in normal use. Target Organs Identified in animal studies are as follows: Alcohol Denat.: Liver, eye, CNS, reproductive. Glycerin: Kidney, liver. Propylene Glycol: CNS.

## 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 are considered non-hazardous waste according to RCRA. Disposable should be in accordance with all applicable Local, State and Federal Regulations.

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

Store products in even, normal temperatures. Keep containers tightly closed.

## 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 reaction.

### 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 eye, clothing, and prolonged skin 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.

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