This brand has three (3) Material Safety Data Sheets (MSDS) for its ingredients. MSDS are presented in the following order:

- Preference by L’Oreal Developer- 20 Volume
- Preference by L’Oreal Color Gel Hair Color
- Preference Care Supreme Conditioner

Please scroll down to view each MSDS.
Material Safety Data Sheet
May be used to comply with
OSHA's Hazard Communication Standard
29 CFR 1910.1200. Standard must be
consulted for specific requirements

IDENTITY
0-25 Volume Developer and Other Products
Containing < 8% Hydrogen Peroxide

Section I
Manufacturer's Name
L'Oreal USA Products, Inc.
Address (Number, Street, City, State, and ZIP Code)
111 Terminal Avenue
Clark, NJ 07066

Emergency Telephone Number
(800) 535-5053 (Int'l 352-323-3500)
Telephone Number For Information
(732) 499-2745

Date Prepared
September 27, 2004
Signature of Preparer (optional)
GCD

Section II - Hazardous Ingredients/Identity Information
Hazardous Components (Specific Chemical Identity; Common Name(s))
Hydrogen Peroxide
OSHA PEL ACGIH TLV Other Limits Recommended % (optional)
1 ppm

<8%

Section III - Physical/Chemical Characteristics
Boiling Point
-212°F
Specific Gravity (H₂O = 1)
~1
Vapor Pressure (mm Hg)
N/A
Melting Point
N/A
Vapor Density (AIR = 1)
N/A
Evaporation Rate
(Butyl Acetate = 1)
<1
Solubility in Water
Miscible
pH = ~2.5

Appearance and Odor
White, creamy, thick liquid with a faint odor.

Section IV - Fire and Explosion Hazard Data
Flash Point (Method Used)
>200°F (closed cup)
Flammable Limits
None
LEL
N/A
UEL
N/A

Extinguishing Media
Use media appropriate for materials actually involved in the fire.

Special Fire Fighting Procedures
Upon decomposition, peroxides yield oxygen and may thereby stimulate the combustion of flammable and combustible materials. Extinguish fires with media appropriate for the burning material.

Unusual Fire and Explosion Hazards
Caution: Oxidizer. Residual product on towels, sponges, or mops may cause fire. Rinse towels thoroughly before disposal. Rinse sponges and mops thoroughly before storage.
### Section V - Reactivity Data

<table>
<thead>
<tr>
<th>Stability</th>
<th>Unstable</th>
<th>Conditions to Avoid</th>
<th>X</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stable</td>
<td></td>
<td>Avoid contact with iron, zinc, and reducing agents.</td>
<td></td>
</tr>
</tbody>
</table>

**Incompatibility (Materials to Avoid)**

Organic compounds (including flammables and combustibles), iron, zinc, and reducing agents.

**Hazardous Decomposition or Byproducts**

None known.

<table>
<thead>
<tr>
<th>Hazardous Polymerization</th>
<th>May Occur</th>
<th>Conditions to Avoid</th>
<th>X</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>None known.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Section VI - Health Hazard Data

<table>
<thead>
<tr>
<th>Route(s) of Entry:</th>
<th>Inhalation?</th>
<th>Skin?</th>
<th>Ingestion?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Yes</td>
<td>Yes</td>
<td>Not likely.</td>
</tr>
</tbody>
</table>

**Health Hazards (Acute and Chronic)**

May cause skin and severe eye irritation. Harmful if swallowed. May cause severe irritation of gastric mucous membranes if swallowed.

**Carcinogenicity:**

NTP? | IARC Monographs? | OSHA Regulated? |
-----|------------------|-----------------|
No   | No               | No              |

**Signs and Symptoms of Exposure**

Irritation of skin, eyes, and/or mucous membranes.

**Medical Conditions Generally Aggravated by Exposure**

None known.

**Emergency and First Aid Procedure**

If swallowed, drink one or two glasses of water or milk. Call a physician, hospital emergency room, or poison control center immediately. Do not induce vomiting. Get medical attention. If in eyes, flush with water for at least 15 minutes and get medical attention. If on skin, flush with water, then wash with soap and plenty of water. Consult a physician if irritation occurs.

### Section VII - Precautions for Safe Handling and Use

**Steps to be Taken in Case Material is Released or Spilled**

For small spills, wipe up with paper towels or a sponge. Wash area with water. Rinse paper towels, sponges, or mops thoroughly prior to disposal or storage. For large spills, dike and contain the free liquid. Use absorbent material to solidify spill and then place in proper containers for disposal.

**Waste Disposal Method**

Although dilute (<8%) hydrogen peroxide solutions are not regulated as hazardous wastes under RCRA, physical and/or chemical deactivation/degradation of the peroxide solution is the recommended method of treatment and disposal for these products.

**Precautions to be Taken in Handling and Storage**

Do not use or store with or near fuels, solvents, or other organic materials. Avoid iron, zinc, and reducing agents. Store in a cool place away from direct sunlight. Keep out of reach of children.

**Other Precautions**

For external use only. Use only as directed.
Section VIII - Control Measures

Respiratory Protection (Specify Type)

None required for product use. For handling bulk quantities, use a NIOSH-approved respirator if peroxide TLV is exceeded. For spills or fires, wear a self-contained breathing apparatus.

<table>
<thead>
<tr>
<th>Ventilation</th>
<th>Local Exhaust</th>
<th>Recommended</th>
<th>Special</th>
<th>Mechanical (General)</th>
<th>Acceptable</th>
<th>Other</th>
</tr>
</thead>
</table>

Protective Gloves

Plastic or rubber.

Other Protective Clothing or Equipment

Safety glasses with side shields or full face shield) and protective clothing are recommended for manufacturing operations. Safety shower and eyewash station should be immediately available.

Work/Hygienic Practices

OSHA hazard classification: Oxidizer, irritant, slightly toxic.

DOT classification: Bulk - Not regulated.
Finished Product - Not regulated.
Material Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication Standard
29 CFR 1910.1200. Standard must be consulted for specific requirements

IDENTITY
Permanent Hair Dyes Containing Ethanol

Section I

Manufacturer's Name
L'Oreal USA Products, Inc.

Address (Number, Street, City, State, and ZIP Code)
111 Terminal Avenue

Clark, NJ 07066

Emergency Telephone Number
(800) 535-5053 (Int'l 352-323-3500)

Date Prepared
December 18, 2003

Signature of Preparer (optional)
GCD

Section II - Hazardous Ingredients/Identity Information

<table>
<thead>
<tr>
<th>Hazardous Components (Specific Chemical Identity; Common Name)</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>Other Limits Recommended</th>
<th>% (optional)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethanol</td>
<td>1000 ppm</td>
<td>25 ppm</td>
<td>&lt;7</td>
<td>&lt;7</td>
</tr>
<tr>
<td>Ethanolamine</td>
<td>3 ppm</td>
<td>None</td>
<td>&lt;2</td>
<td>&lt;2</td>
</tr>
<tr>
<td>Ethoxydiglycol</td>
<td>&lt;10</td>
<td>None</td>
<td>&lt;1</td>
<td>&lt;1</td>
</tr>
<tr>
<td>Ammonium Hydroxide</td>
<td>0.1 mg/m³</td>
<td>10 ppm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>p-Phenylenediamine</td>
<td>None</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aminophenols</td>
<td>&lt;10</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Resorcinol</td>
<td>2 mg/m³</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hydroquinone</td>
<td>&lt;10</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section III - Physical/Chemical Characteristics

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>170-200°F</td>
</tr>
<tr>
<td>Specific Gravity (H₂O = 1)</td>
<td>0.9-1.0</td>
</tr>
<tr>
<td>Melting Point</td>
<td>N/A</td>
</tr>
<tr>
<td>Evaporation Rate (Butyl Acetate = 1)</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Solubility in Water
Soluble pH = 9.0-11.5

Appearance and Odor
Clear yellow to amber watery liquid with an alcoholic/ammonical odor.

Section IV - Fire and Explosion Hazard Data

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Point (Method Used)</td>
<td>80-120°F (closed cup)</td>
</tr>
<tr>
<td>Extinguishing Media</td>
<td>Carbon dioxide, dry chemical, foam, and/or water spray.</td>
</tr>
<tr>
<td>Special Fire Fighting Procedures</td>
<td>For small fires, use carbon dioxide, dry chemical, and/or foam. For larger fires, use ample quantities of water.</td>
</tr>
</tbody>
</table>

Unusual Fire and Explosion Hazards
None; however, observe usual precautions for handling of flammable materials.
For manufacturing, minimize airborne vapor levels through engineering controls.
Section V - Reactivity Data

Stability | Unstable | Conditions to Avoid
--- | --- | ---
Stable | | Avoid heat, fire, flame, and other sources of ignition.

Incompatibility (Materials to Avoid)
Oxidizing agents and nitric acid.

Hazardous Decomposition or Byproducts
None known.

Hazardous | May Occur | Conditions to Avoid
--- | --- | ---
Polymerization | Will Not Occur | None known.

Section VI - Health Hazard Data

Route(s) of Entry: Inhalation? Skin? Ingestion?
--- | --- | ---
Yes | Yes | No likely.

Health Hazards (Acute and Chronic)
Harmful if swallowed, inhaled, or absorbed through skin. This product may cause serious irritant, respiratory, and/or allergic reactions in sensitive individuals.

Carcinogenicity: NTP? IARC Monographs? OSHA Regulated?
--- | --- | ---
No | No | No

Signs and Symptoms of Exposure
Signs of alcohol intoxication may occur following ingestion or prolonged inhalation. Also, possible irritation of eyes, skin, and mucous membranes. Possible irritant/allergic dermatitis and respiratory signs and symptoms, the onset of which may be delayed.

Medical Conditions Generally Aggravated by Exposure
Existing dermatological conditions, such as eczema, and respiratory conditions, such as bronchial asthma and/or chronic bronchitis, may be exacerbated.

Emergency and First Aid Procedure
If swallowed, call a physician, hospital emergency room, or poison control center immediately. Induce vomiting only if recommended by medical personnel. Get prompt medical attention. If affected by inhalation, move to fresh air. If symptoms persist, get medical attention. If eye or skin contact occurs, immediately flush with water and get medical attention if irritation occurs.

Section VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled
Eliminate all sources of ignition. Dike and contain the free liquid, if any, and absorb on vermiculite, spill pillows, or other suitable absorbent material. Place spent absorbents in proper containers for disposal.

Waste Disposal Method
This material is not regulated under RCRA. Accordingly, incineration at a non-hazardous waste treatment facility is the preferred method of disposal.

Precautions to be Taken in Handling and Storage
Store bulk quantities in a cool, well-ventilated room away from ignition sources. Avoid contact with eyes and skin (other than areas of application). Do not inhale or ingest. Prepare and use in a well-ventilated area. To assure maximum shelf-life, avoid direct sunlight.

Other Precautions
For external use only. Use only as directed. Keep out of reach of children. Patch test is intended to identify skin reaction only; it will not necessarily predict sensitization or irritation secondary to inhalation. Read the product package insert completely.
For manufacturing/filling, wear a NIOSH-approved respirator if constituent TLVs are exceeded. For spill management, use an approved self-contained breathing apparatus. For product use, respiratory protection is generally unnecessary.

<table>
<thead>
<tr>
<th>Ventilation</th>
<th>Local Exhaust</th>
<th>Explosion-Proof</th>
<th>Special</th>
<th>Mechanical (General)</th>
<th>Explosion-Proof</th>
<th>Other</th>
</tr>
</thead>
</table>

Protective Gloves

Plastic or rubber gloves.

Other Protective Clothing or Equipment

Safety glasses with side shields and protective clothing for bulk quantities.

Work/Hygienic Practices

OSHA hazard classification: Flammable/combustible, irritant, slightly toxic, possible sensitizer.

DOT classification: Bulk - Not regulated.

Finished Product - Not regulated.
Material Safety Data Sheet

Products associated with this document are exempt from OSHA's Hazard Communication Standard 29 CFR 1910.1200, due to low presence or no presence of hazardous materials. Standard must be consulted for specific requirements and reporting thresholds.

IDENTITY
L'oreal Non-Hazardous hair styling, cosmetic and/or skin care products

Section I

Manufacturer's Name
L'oreal USA Products, Inc.

Address (Number, Street, City, State, and ZIP Code)
111 Terminal Avenue
Clark, NJ 07066

Emergency Telephone Number
(800) 535-5053 (Int'l 352-323-3500)

Telephone Number For Information
(732) 499-2745

Date Prepared
May 10, 2005

Signature of Preparer (optional)
CLJ/GCD

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity/Common Name(s))
Not applicable

OSHA PEL

ACGIH TLV

Other Limits Recommended

% (optional)

Section III - Physical/Chemical Characteristics

Boiling Point
(Liquids) varies

Specific Gravity (H2O = 1) >1

Vapor Pressure (mm Hg) N/A

Melting Point (Solids) varies

Vapor Density (AIR = 1) >1

Evaporation Rate (Butyl Acetate = 1) <1

Solubility in Water
Generally soluble or miscible

Appearance and Odor
May have a mild to moderate fragrance

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) >200°F

Flammable Limits Not applicable

LEL N/A

UEL N/A

Extinguishing Media
carbon dioxide, dry chemical, foam, and/or water spray.

Special Fire Fighting Procedures
Fires involving bulk product may be extinguished with carbon dioxide, dry chemical, and/or foam. Water spray may be used to soak corrugated shipping containers of finished product if involved in a fire.

Unusual Fire and Explosion Hazards
None; however, observe usual precautions for handling of combustible materials. For manufacturing, minimize airborne vapor levels through engineering controls.
Section V - Reactivity Data

<table>
<thead>
<tr>
<th>Stability</th>
<th>Unstable</th>
<th>Conditions to Avoid</th>
<th>Avoid heat, fire, and other sources of ignition.</th>
</tr>
</thead>
</table>

Incompatibility (Materials to Avoid)

Oxidizing agents and nitric acid.

Hazardous Decomposition or Byproducts

Silicon dioxide, carbon monoxide, carbon dioxide.

<table>
<thead>
<tr>
<th>Hazardous Polymerization</th>
<th>May Occur</th>
<th>Conditions to Avoid</th>
<th>None known.</th>
</tr>
</thead>
</table>

Section VI - Health Hazard Data

<table>
<thead>
<tr>
<th>Route(s) of Entry</th>
<th>Inhalation?</th>
<th>Skin?</th>
<th>Ingestion?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

Health Hazards (Acute and Chronic)

No health hazards anticipated.

Carcinogenicity:

NTP? | IARC Monographs? | OSHA Regulated?
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

Signs and Symptoms of Exposure

No health hazards anticipated.

Medical Conditions Generally Aggravated by Exposure

None known.

Emergency and First Aid Procedure

If in eyes, flush with plenty of water for at least 15 minutes. Get medical attention if irritation occurs. If swallowed, drink one or two glasses of water or milk and consult a physician. If on skin, wash with soap and water.

Section VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled

Eliminate all sources of ignition. Dike and contain the free liquid, if any, and absorb on vermiculite, spill pillows, or other absorbents. Containerize spent absorbents in suitable containers for disposal. Wash spill area with detergent solution as necessary.

Waste Disposal Method

Non-hazardous products are not regulated as hazardous wastes when intended for disposal. However, incineration is the recommended method of treatment and disposal for such products.

Precautions to be Taken in Handling and Storage

Store bulk quantities in a cool, well-ventilated room. Limit quantities on hand to the extent possible. Store away from possible sources of ignition. Observe usual precautions relative to static electricity. Avoid oxidizing agents and nitric acid.

Other Precautions

For external use only. Use only as directed.

Section VIII - Control Measures

For routine manufacturing/filling operations, none generally required. For spills, wear an approved self-contained breathing apparatus.

<table>
<thead>
<tr>
<th>Ventilation</th>
<th>Local Exhaust</th>
<th>Explosion-Proof</th>
<th>Special</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mechanical(General)</td>
<td>Explosion-Proof</td>
<td>Other</td>
<td></td>
</tr>
</tbody>
</table>
Protective Gloves
Rubber or plastic gloves for bulk quantities.

Other Protective Clothing or Equipment
Safety glasses and protective clothing for bulk quantities.

Work/Hygienic Practices
OSHA hazard classification: Non-hazardous
DOT classification: Bulk - Not regulated
                Finished Product - Not regulated.