Material Safety Data Sheet

IDENTITY
Semi-Permanent and Permanent Hair Dyes Containing Isopropanol

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

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

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

Date Prepared
January 27, 2006
(replaces December 13, 2003)

Section II - Hazardous Ingredients/Identity Information

<table>
<thead>
<tr>
<th>Hazardous Components (Specific Chemical Identity;Common Name(s))</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>Other Limits Recommended</th>
<th>% (optional)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isopropanol</td>
<td>400 ppm</td>
<td></td>
<td>&lt;15</td>
<td></td>
</tr>
<tr>
<td>Ethanolamine</td>
<td>3 ppm</td>
<td></td>
<td>&lt;10</td>
<td></td>
</tr>
<tr>
<td>Ethoxydiglycol</td>
<td>&lt;10</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ammonium Hydroxide</td>
<td>25 ppm</td>
<td></td>
<td>&lt;7</td>
<td></td>
</tr>
<tr>
<td>p-Phenylenediamine</td>
<td>0.1mg/m³</td>
<td></td>
<td>&lt;5</td>
<td></td>
</tr>
<tr>
<td>Aminophenols</td>
<td>None</td>
<td></td>
<td>&lt;2</td>
<td></td>
</tr>
<tr>
<td>Resorcinol</td>
<td>10 ppm</td>
<td></td>
<td>&lt;3.4</td>
<td></td>
</tr>
<tr>
<td>Hydroquinone</td>
<td>2 mg/m³</td>
<td></td>
<td>&lt;1</td>
<td></td>
</tr>
</tbody>
</table>

Section III - Physical/Chemical Characteristics

<table>
<thead>
<tr>
<th>Boiling Point</th>
<th>150-200°F</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specific Gravity (H₂O = 1)</td>
<td>0.9-1.0</td>
</tr>
<tr>
<td>Vapor Pressure (mm Hg)</td>
<td>N/A</td>
</tr>
<tr>
<td>Melting Point</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapor Density (AIR = 1)</td>
<td>&lt;1</td>
</tr>
<tr>
<td>Evaporation Rate (Butyl Acetate = 1)</td>
<td>&gt;1</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/ammonial odor.

Section IV - Fire and Explosion Hazard Data

<table>
<thead>
<tr>
<th>Flash Point (Method Used)</th>
<th>Flammable Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>80-120°F (closed cup)</td>
<td>Isopropanol</td>
</tr>
<tr>
<td></td>
<td>LEL 2.5%</td>
</tr>
</tbody>
</table>

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

Special Fire Fighting Procedures
For small fires, use carbon dioxide, dry chemical, and/or foam.
For larger fires, use ample quantities of water.

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

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

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

Hazardous Decomposition or Byproducts
None known.

<table>
<thead>
<tr>
<th>Hazardous Polymerization</th>
<th>May Occur</th>
<th>Conditions to Avoid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Will Not Occur</td>
<td>X</td>
<td>None known.</td>
</tr>
</tbody>
</table>

Section VI - Health Hazard Data

Route(s) of Entry:
- Inhalation?
- Skin?
- Ingestion?
  Yes
  Yes
  Not 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?
  No

- IARC Monographs?
  No

- OSHA Regulated?
  No

Signs and Symptoms of Exposure
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 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 UN specification drums for disposal.

Waste Disposal Method
Isopropanol-based hair dyes are ignitable (D001) RCRA hazardous wastes when intended for disposal. Incineration is the required method of treatment and disposal.

Precautions to be Taken in Handling and Storage
Store bulk quantities in a cool, well-ventilated room away from ignition sources. Limit quantities on hand to the extent possible. 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.
Section VIII - Control Measures

Respiratory Protection (Specify Type)

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 gloves with side shields and protective clothing for bulk quantities.

Work/Hygiene Practices

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

DOT classification: Bulk-Flammable liquids, N.O.S. (Isopropanol) 3 UN 1993 PGII. Finished Product - Consumer Commodity, ORM-D.