

**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- 30 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

U.S. Department of Labor

#99-029

Occupation Safety and Health Administration  
 (Non-Mandatory Form)

Form Approved

OMB No. 1218-0072

**IDENTITY**

30-40 Volume Developer and Other Products  
 Containing  $\geq$  8% Hydrogen Peroxide

Note: Blank spaces are not permitted. If any item is not applicable, or no  
 information is available, the space must be marked to indicate that.

**Section I**

Manufacturer's Name L'Oreal USA Products, Inc.	Emergency Telephone Number (800) 535-5053 (Int'l 352-323-3500)
Address (Number, Street, City, State, and ZIP Code) 111 Terminal Avenue	Telephone Number For Information (732) 499-2745
Clark, NJ 07066	Date Prepared September 27, 2004
	Signature of Preparer (optional) GCD

**Section II - Hazardous Ingredients/Identity Information**

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Hydrogen Peroxide		1 ppm		$\geq$ 8%

**Section III - Physical/Chemical Characteristics**

Boiling Point	~212°F	Specific Gravity (H <sub>2</sub> O = 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
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**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**

#99-029

Stability	Unstable		Conditions to Avoid	Avoid contact with iron, zinc, and reducing agents.
	Stable	X		

**Incompatibility (Materials to Avoid)**

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

**Hazardous Decomposition or Byproducts**

None known.

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

**Section VI - Health Hazard Data**

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	Yes	Yes	Not likely.

**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 absorbant material to solidify spill and then place in UN specification drums for disposal.

**Waste Disposal Method**

30-40 volume developer products are ignitable (D001) RCRA hazardous wastes when intended for disposal. Physical and/or chemical deactivation/degradation is the required method of treatment and disposal.

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

Do not use or store with 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.

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**Section VIII - Control Measures**

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#99-029

**Respiratory Protection (Specify Type)**

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

Ventilation	Local Exhaust	Recommended	Special
	Mechanical(General)	Acceptable	Other

**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 - Hydrogen Peroxide, aqueous solution 5.1 UN 2984 PGIII  
Finished Product - Consumer Commodity, ORM-D.

**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

**U.S. Department of Labor****#99-013**

Occupation Safety and Health Administration  
 (Non-Mandatory Form)  
 Form Approved  
 OMB No. 1218-0072

**IDENTITY**

Permanent Hair Dyes Containing Ethanol

*Note: Blank spaces are not permitted. If any item is not applicable, or no  
 information is available, the space must be marked to indicate that.*

**Section I****Manufacturer's Name**

L'Oreal USA Products, Inc.

**Emergency Telephone Number**

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

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

111 Terminal Avenue

**Telephone Number For Information**

(732) 499-2745

Clark, NJ 07066

**Date Prepared**

December 18, 2003

**Signature of Preparer (optional)**

GCD

**Section II - Hazardous Ingredients/Identity Information**

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Ethanol	1000 ppm			<10
Ethanolamine	3 ppm			<10
Ethoxydiglycol				<10
Ammonium Hydroxide		25 ppm		<7
p-Phenylenediamine	0.1 mg/m <sup>3</sup>			<5
Aminophenols	None			<2
Resorcinol		10 ppm		<1
Hydroquinone	2 mg/m <sup>3</sup>			<1

**Section III - Physical/Chemical Characteristics**

<b>Boiling Point</b>	170-200°F	<b>Specific Gravity (H<sub>2</sub>O = 1)</b>	0.9-1.0
<b>Vapor Pressure (mm Hg)</b>	N/A	<b>Melting Point</b>	N/A
<b>Vapor Density (AIR = 1)</b>	<1	<b>Evaporation Rate (Butyl Acetate = 1)</b>	>1

**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**

<b>Flash Point (Method Used)</b>	<b>Flammable Limits</b>	<b>LEL</b>	<b>UEL</b>
80-120°F (closed cup)	Ethanol	3.3%	19%

**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**

#99-013

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

## Incompatibility (Materials to Avoid)

Oxidizing agents and nitric acid.

## Hazardous Decomposition or Byproducts

None known.

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

**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 absorbant material. Place spent absorbants 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.

**Section VIII - Control Measures**

#99-013

**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.

Ventilation	Local Exhaust	Explosion-Proof	Special
	Mechanical(General)	Explosion-Proof	Other

**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.

U.S. Department of Labor Non-Haz

Occupation Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved

OMB No. 1218-0072

## IDENTITY

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

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

## Section I

Manufacturer's Name L'Oreal USA Products, Inc.	Emergency Telephone Number (800) 535-5053 (Int'l 352-323-3500)
Address (Number, Street, City, State, and ZIP Code) 111 Terminal Avenue  Clark, NJ 07066	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))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Not applicable				

## Section III - Physical/Chemical Characteristics

Boiling Point (Liquids)	varies	Specific Gravity (H <sub>2</sub> O = 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
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### 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****Non-Haz**

Stability	Unstable		Conditions to Avoid	Avoid heat, fire, and other sources of ignition.
	Stable	X		

## Incompatibility (Materials to Avoid)

Oxidizing agents and nitric acid.

## Hazardous Decomposition or Byproducts

Silicon dioxide, carbon monoxide, carbon dioxide.

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

**Section VI - Health Hazard Data**

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	Yes	Yes	Yes

## Health Hazards (Acute and Chronic)

No health hazards anticipated.

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

## 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 absorbants. Containerize spent absorbants 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.

Ventilation	Local Exhaust	Explosion-Proof	Special
	Mechanical(General)	Explosion-Proof	Other

Protective Gloves

Rubber or plastic gloves for bulk quantities.

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Other Protective Clothing or Equipment

Safety glasses and protective clothing for bulk quantities.

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Work/Hygienic Practices

OSHA hazard classification: Non-Hazardous

DOT classification: Bulk - Not regulated

Finished Product - Not regulated.