

**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  Clark, NJ 07066	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))	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**

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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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## 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.