**Material Safety Data Sheet** 

May be used to comply with

U.S. Department of Labor

Occupation Safety and Health Administration

#99-027

OSHA's Hazard Communication Standard 29 CFR 1910.1200. Standard must be

consulted for specific requirements

IDENTITY Perm Wave Neutralizers/Bonding Lotions (Non-Mandatory Form) Form Approved

OMB No. 1218-0072

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 Emergency Telephone Number Manufacturer's Name

(800) 535-5053 (Int'l 352-323-3500) L'Oreal USA Products, Inc.

Telephone Number For Information Address (Number, Street, City, State, and ZIP Code)

(732) 499-2745 111 Terminal Avenue

Date Prepared September 22, 2004 07066 Clark, NJ

Signature of Preparer (optional)

GCD

Section II - Hazardous Ingredients/Identity Information

Other Limits **ACGIH** Hazardous Components (Specific Chemical Identity; Common Name(s)) Recommended % (optional) OSHA PEL TLV

Hydrogen Peroxide

1 ppm

≤4%

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

pH = 2.5-3.5Miscible

Appearance and Odor

Clear to white thin liquid with a faint odor.

Section IV - Fire and Explosion Hazard Data

UEL LEL Flammable Limits Flash Point (Method Used) N/A N/A None >200°F (closed cup)

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						#99-027	
Stability	Unstable		Conditions to Avoid	Avoid contact wit reducing agents.	h iron, zino	e, and	
	Stable	Х					
ncompatibility (M	aterials to Avoid)						
Organic con	mpounds (inclu		ammables a	and combustibles), iro	on, zinc, and		
Hazardous Decon	nposition or Byproduct	S	96 <sup>m</sup>				
None known							
Hazardous	May Occur		Conditions to Avoid	19		8 1	
Polymerization	Will Not Occur	Х		None known.			
Section VI - H	lealth Hazard Dat	а	14		1		
Route(s) of Entry:		Inhalation?		Skin?	Ingestion? Not likely.		
		es		Yes	NOT	irkeid.	
	Acute and Chronic) skin and sever of gastric mu	e eye ir cous men	rritation mbranes i	Harmful if swallowed swallowed.	d. May cause	severe	
St. 5	NTP?			IARC Monographs?	OSHA	Regulated?	
Carcinogenicity: NTP7			No	No			
	of Evnosure				9.	11	
Signs and Sympto	of skin, eyes	, and/or	mucous r	membranes.			
Irritation	of skin, eyes			nembranes.			

### 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 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/degredation 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

#99-027

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.

 Ventilation
 Local Exhaust
 Recommended
 Special

 Mechanical(General)
 Acceptable
 Other

Protective Gloves

Plastic or rubber.

Other Protective Clothing or Equipment

Safety glases 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.

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