

# 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

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

#99-007

42-050-008

Shd Processing Solution

### IDENTITY

Low Peroxide Acid Stabilized Developers

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)
Hydrogen Peroxide	1 ppm			~2%
Phosphoric Acid	1mg/m <sup>3</sup>			<1%

### 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	pH = 1.8-2.0		
Miscible			
Appearance and Odor	Clear, water thin 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**

#99-007

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, reducing agents, and strong bases.

## 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)

Danger: Corrosive. May cause burns of the skin, eyes, and other mucous membranes. Harmful or fatal if swallowed.

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

## Signs and Symptoms of Exposure

Contact with skin, eyes, and other mucous membranes will produce chemical burns which, if not promptly treated, may be accompanied by deep ulceration, necrosis, and scarring. Ingestion may produce burns, ulceration, and/or perforation of the alimentary canal followed by shock, circulatory collapse, and possibly death.

## Medical Conditions Generally Aggravated by Exposure

Preexisting dermatitis of the scalp and/or skin may be exacerbated by contact with this product.

## Emergency and First Aid Procedure

If swallowed and if victim is conscious, immediately rinse mouth with water, then 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 immediate medical attention. Never give anything by mouth to an unconscious person. If in eyes or on skin, flush with water for at least 15 minutes. Call a physician, hospital emergency room or poison control center immediately. Get medical attention.

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

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

Spills of this product should be diked and contained, treated with dilute lime or soda ash to neutralize the excess acid, and flushed with excess water to the sanitary sewer system. Spilled material may also be solidified and placed in appropriate UN specification drums for disposal.

## Waste Disposal Method

This product is an EPA corrosive (D002) hazardous waste when intended for disposal. Accordingly, disposal should be undertaken at a hazardous waste facility by neutralization, incineration, and/or other treatment and disposal in accordance with RCRA regulations.

## Precautions to be Taken in Handling and Storage

Avoid contact with eyes and skin. Do not taste, swallow, or inhale. Store in a cool location away from strong bases and organic compounds.

## Other Precautions

For external use only. Use only as directed. Keep out of reach of children.

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**Section VIII - Control Measures****#99-007**

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## Respiratory Protection (Specify Type)

None required for product use. For handling bulk quantities, use NIOSH-approved respirator if constituent TLVs are 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.

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Work/Hygienic Practices

OSHA hazard classification: Corrosive, oxidizer

DOT classification: Bulk - Corrosive liquid, acidic, inorganic, N.O.S.  
(Phosphoric Acid) 8 UN 3264 PGIII

Finished Product - Consumer Commodity, ORM-D.