

**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****#99-003**

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

<b>IDENTITY</b> Water-Based Non-Hair Dye Products Containing Water Soluble Alcohols at a Concentration of 24% or Less	<i>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.</i>
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**Section I**

<b>Manufacturer's Name</b> L'Oreal USA Products, Inc.	<b>Emergency Telephone Number</b> (800) 535-5053 (Int'l 352-323-3500)
<b>Address (Number, Street, City, State, and ZIP Code)</b> 111 Terminal Avenue	<b>Telephone Number For Information</b> (732) 499-2745
Clark, NJ 07066	<b>Date Prepared</b> December 18, 2003
	<b>Signature of Preparer (optional)</b> GCD

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

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Ethyl Alcohol	1000 ppm			≤24%
or				
Isopropyl Alcohol	400 ppm			≤24%

**Section III - Physical/Chemical Characteristics**

<b>Boiling Point</b> ≥180°F	<b>Specific Gravity (H2O = 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</b> (Butyl Acetate = 1) ~3
<b>Solubility in Water</b> Miscible	
<b>Appearance and Odor</b> Clear to colored water-thin to viscous liquid (non-aerosol).	

**Section IV - Fire and Explosion Hazard Data**

<b>Flash Point (Method Used)</b> 90-200°F (closed cup)	<b>Flammable Limits</b> Ethyl Alcohol Isopropanol	<b>LEL</b> 3.3% 2.5%	<b>UEL</b> 19% 12%
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**Extinguishing Media**  
 Carbon dioxide, dry chemical, foam and/or water spray.

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

**Unusual Fire and Explosion Hazards**  
 None; however, observe usual precautions for handling of combustible liquids.  
 For manufacturing, minimize airborne vapor levels through engineering controls.

**Section V - Reactivity Data**

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

## Incompatibility (Materials to Avoid)

Oxidizing agents and nitric acid.

## 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 eye irritation. May cause skin irritation in sensitive individuals. May be harmful if swallowed.

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

## Signs and Symptoms of Exposure

Overexposure and/or ingestion may produce signs and symptoms of alcohol intoxication.

## Medical Conditions Generally Aggravated by Exposure

None known.

## Emergency and First Aid Procedure

INGESTION: Give one or two glasses of water or milk and consult physician.

EYE CONTACT: Flush thoroughly with water for at least 15 minutes and get medical attention.

SKIN CONTACT: Flush with water, then wash with soap and plenty of 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 and absorb with vermiculite or spill pillows. Containerize absorbed material in suitable containers for disposal. Wash spill area with water.

## Waste Disposal Method

Water-based non-hair dye products containing 24% or less of water soluble alcohols are not regulated under RCRA 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

Avoid contact with eyes. For external use only. Use only as directed.

**Section VIII - Control Measures**

## Respiratory Protection (Specify Type)

For manufacturing/filling, wear a NIOSH approved organic vapor respirator if alcohol TLV is exceeded. For spills, wear an approved self-contained operating apparatus.

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

Protective Gloves

Plastic or rubber for bulk quantities.

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Other Protective Clothing or Equipment

Safety glasses for bulk quantities. Protective clothing for manufacturing operations.

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Work/Hygienic Practices

OSHA hazard classification: Flammable/combustible, eye irritant

DOT classification: Bulk - Not regulated

Finished product - Not regulated.

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