

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

#99-030

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IDENTITY

Hair Bleach Powder Products for Stripping,
 Lightening, and/or Frosting

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'Oréal USA Products, Inc.	Emergency Telephone Number (732) 499-2990
Address (Number, Street, City, State, and ZIP Code) 2400 U.S. Route 1 North	Telephone Number For Information (732) 940-4612
North Brunswick, NJ 08902	Date Prepared August 16, 2001
	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)
Potassium Persulfate				<50
Sodium Persulfate				<10
Ammonium Persulfate				<10

Section III - Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H ₂ O = 1)	>1
Vapor Pressure (mm Hg)	N/A	Melting Point	Decomposes
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water ~80% water soluble			

Appearance and Odor
 White, fluffy powder with no odor.

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) None	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, persulfates yield oxygen and may thereby stimulate the combustion of flammable and combustible materials. Extinguish fires with media appropriate for the burning material. Wear a self-contained breathing apparatus.

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. Persulfate compounds may ignite and undergo decomposition in the presence of moisture and heat. Spray and flood decomposing material with large quantities of water.

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Section V - Reactivity Data

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Stability	Unstable	X	Conditions to Avoid	Material is stable at room temperature under dry conditions. Heat and/or moisture may cause instability.
	Stable	X		

Incompatibility (Materials to Avoid)

Organic compounds (including flammables and combustibles) and reducing agents.

Hazardous Decomposition or Byproducts

Oxygen, chlorine, oxides of sulfur, sodium oxide, and ammonia.

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)

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

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, do not induce vomiting. Call a physician, hospital emergency room, or poison control center immediately. 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

For small spills, wipe up with wet paper towels or a sponge. Wash area with water. Rinse paper towels, sponges, or mops thoroughly prior to disposal or storage. For larger quantities, place in UN specification drums for disposal. During clean-up, do not contaminate powder with organic material. Keep drummed waste cool and dry pending disposal.

Waste Disposal Method

Hair bleaching powder 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

Use only with adequate ventilation and avoid inhalation. Avoid contact with eyes and skin (other than areas of application). Do not inhale or ingest. Prepare and use in a well-ventilated area. Do not use or store with or near fuels, solvents, or other organic materials. Avoid heat, moisture, and reducing agents.

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Other Precautions

For external use only. Use only as directed. Keep out of reach of children. Patch test is intended to indentify skin reaction only; it will not necessarily predict sensitization or irritation secondary to inhalation. Read the product package insert completely.

Section VIII - Control Measures

Respiratory Protection (Specify Type)

None required for product use. For handling bulk quantities as in manufacturing, a dust mask may be used. For firefighting, wear a self-contained breathing apparatus.

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

Protective Gloves

Plastic or rubber gloves.

Other Protective Clothing or Equipment

For handling bulk quantities, safety glasses with side shields and protective clothing are recommended.

Work/Hygienic Practices

OSHA hazard classification: Oxidizer, irritant, slightly toxic, possible sensitizer.
 DOT classification: Bulk - Oxidizing solid, N.O.S. (Potassium persulfate, sodium persulfate, ammonium persulfate) 5.1 UN 1479 PGIII.
 Finished Product - Consumer Commodity, ORM-D.

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OSHA HAZARD COMMUNICATION STANDARD
 HAZARDOUS FINISHED GOODS
 HAIR BLEACH POWDER PRODUCTS FOR STRIPPING, LIGHTENING,
 AND/OR FROSTING
 MSDS #99-030

- GARNIER NUTRISSE HAIR BLEACH KIT - LIGHTENING POWDER
- L'OREAL BRUSH-ON-HIGHLIGHTS LIGHTENING KIT
- L'OREAL CHUNKING BLOCKS OF HIGHLIGHTS-BLEACH POWDER
- L'OREAL CHUNKING BLOCKS OF RED HIGHLIGHTS-BLEACH POWDER
- L'OREAL COLOR WEAVING KIT #1 BLEACH POWDER
- L'OREAL COLOR WEAVING KIT #2 BLEACH POWDER
- L'OREAL COMPOSITE COLORS EXTRA LIFT POWDER BOOSTER
- L'OREAL EASI-MECHE LIGHTENING POWDER
- L'OREAL EFFASOL BLEACHING POWDER
- L'OREAL EXCELLENCE CREMELIGHTS KIT LIGHTENING BOOSTER POWDER
- L'OREAL FERIA COLOUR STRANDS QUICK SHIMMER HIGHLIGHT
- L'OREAL FERIA FOR MEN BLEACH POWDER
- L'OREAL FERIA HI CONTRAST BLEACH POWDER
- L'OREAL FERIA RADICAL BLEACH BLONDING LIGHTENING POWDER
- L'OREAL FROST AND DESIGN COND. FROSTING KIT POWDER
- L'OREAL HAIR COLOR REMOVER KIT POWDER
- L'OREAL LA PETITE FROST-BLEACH POWDER
- L'OREAL LIGHTS FANTASTIQUE BLEACH POWDER
- L'OREAL MAJIMECHES HIGHLIGHTING ACCELERATOR
- L'OREAL OPEN HIGH LIGHTENING BLEACH POWDER
- L'OREAL PLATIFIZ PRECISION BLEACH POWDER
- L'OREAL PROFESSIONAL COLOR ZAP HAIR COLOR REMOVER POWDER
- L'OREAL PURE PLATINE BLEACH POWDER
- L'OREAL QUICK BLUE POWDER BLEACH
- L'OREAL SOB #3 BLEACHING POWDER
- L'OREAL SUPER BLONDE LIGHTENER (POWDER)
- L'OREAL SUPER BLUE LIGHTENER (POWDER)
- L'OREAL SUPER OREAL BLANC BLEACH POWDER
- L'OREAL WHITELIGHTS POWDER LIGHTENER
- MATRIX ESSENTIALS COLORERASE PERMANENT HAIR COLOR REMOVER
- MATRIX ESSENTIALS COLORGRAPHICS LIGHTENING POWDER
- MATRIX ESSENTIALS LE BLEACH FROSTING AND HIGHLIGHTING BLEACH
- MATRIX ESSENTIALS LIGHT EXPOSURE 100% DUST-FREE BLEACH LIGHTENER

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MATRIX ESSENTIALS LOGICS LIGHT REACTIONS POWDER LIGHTENER
MATRIX ESSENTIALS SOCOLOR CRÈME SCALP BLEACH POWDER BOOSTER
REDKEN BLONDE DIMENSIONS BLEACH POWDER
REDKEN DUOLITES EQUALIZER BLEACH POWDER
REDKEN LEVITATION BLEACH POWDER
REDKEN LIFT 515 HIGHLIFTING BOOSTER
REDKEN SHADES EQ LIGHTENING CRYSTALS (BLEACH POWDER)
REDKEN SHADES EQ LIGHTENING CRYSTALS-DUST FREE (EUROPE)
REDKEN SHADES LIGHTENER DUST FREE (JAPAN)
SOFT SHEEN KARIZMA CRÈME COLOUR BOOSTER
SOFT SHEEN MIZANI BOOSTER POWDER