

OSHA HAZARD COMMUNICATION STANDARD  
HAZARDOUS FINISHED GOODS  
HAIR BLEACH POWDER PRODUCTS FOR STRIPPING, LIGHTENING,  
AND/OR FROSTING

**MSDS #99-030**

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REDKEN BLONDE DIMENSIONS BLEACH POWDER  
[REDACTED]

REDKEN LEVITATION BLEACH POWDER

REDKEN LIFT 515 HIGHLIFTING BOOSTER

REDKEN SHADES EQ LIGHTENING CRYSTALS (BLEACH POWDER)  
[REDACTED]  
[REDACTED]

**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

#99-030

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

**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'Oreal USA Products, Inc.	Emergency Telephone Number (732) 499-2990
Address (Number, Street, City, State, and ZIP Code) 2400 U.S. Route 1 North North Brunswick, NJ 08902	Telephone Number For Information (732) 940-4612
	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				≤60
Sodium Persulfate				<10
Ammonium Persulfate				<10

**Section III - Physical/Chemical Characteristics**

Boiling Point	N/A	Specific Gravity (H <sub>2</sub> O = 1)	>1
Vapor Pressure (mm Hg)	N/A	Melting Point	Decom- poses
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.

**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.

**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.