

This brand has three (3) Material Safety Data Sheets (MSDS) for its ingredients. MSDS are presented in the following order:

- Garnier Nutrisse 30 Volume Developer
- Garnier Nutrisse Multi-Lights Highlighting Bleach Powder
- Garnier Nutrisse After Color Product

Please scroll down to view each MSDS.

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**#99-029**

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

IDENTITY

30-40 Volume Developer and Other Products
 Containing \geq 8% Hydrogen Peroxide

*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 September 27, 2004
	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			\geq 8%

Section III - Physical/Chemical Characteristics

Boiling Point	~212°F	Specific Gravity (H2O = 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

Miscible pH = ~2.5

Appearance and Odor

White, creamy, thick 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
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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

#99-029

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, and reducing agents.

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 skin and severe eye irritation. Harmful if swallowed. May cause severe irritation of gastric mucous membranes if swallowed.

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

Signs and Symptoms of Exposure

Irritation of skin, eyes, and/or mucous membranes.

Medical Conditions Generally Aggravated by Exposure

None known.

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 UN specification drums for disposal.

Waste Disposal Method

30-40 volume developer 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

Do not use or store with 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

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Respiratory Protection (Specify Type)

None required for product use. For handling bulk quantities, use 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 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.

Work/Hygienic Practices

OSHA hazard classification: Oxidizer, irritant, slightly toxic.

DOT classification: Bulk - Hydrogen Peroxide, aqueous solution 5.1 UN 2984 PGIII
Finished Product - Consumer Commodity, ORM-D.



MATERIAL SAFETY DATA SHEET

MSDS DATE: March 17, 2008

MSDS # 99-030

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

L'Oreal USA Products, Inc.
111 Terminal Avenue
Clark, NJ 07066

Emergency Telephone Number
800-535-5053 (International: 352-323-3500)

For further information:
732-499-2741

Product Name: Oxidizing Hair Bleach Products

Recommendations on use: For lightening of hair color

CAUTION: Oxidizing solid which in itself is not necessarily combustible, but may generally cause or contribute to the combustion of other materials by yielding oxygen. Store at room temperature. Keep from heat and moisture. Do not use metal utensils with this product. For external use only. Use only as directed. Keep out of reach of children.

Refer to product insert or container for additional use warnings.

SECTION 2: HAZARDS IDENTIFICATION

Finely divided, free-flowing powder. May be white or colored and could have a possible ammonia odor or enhanced fragrance.

Decomposes in contact with moisture/excessive heat. May cause release of oxygen and oxides of sulfur which support combustion. Decomposition could form a high temperature melt. See section ten of this document (Stability and Reactivity).

May have irritating properties to eyes/respiratory system and skin. May have the potential to cause skin/respiratory sensitization.

OSHA reactive substance, oxidizer; **DOT** 5.1 Oxidizer; **WHMIS** Class C; Oxidizing material. See section fifteen of this document (Regulatory Information).

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

<u>INGREDIENT:</u>	<u>CAS NO.</u>	<u>% WT</u>
Potassium Persulfate	7727-21-1	<61
Sodium Persulfate	7775-27-1	<11

SECTION 4: FIRST AID MEASURES

EYES: Immediately flush with luke-warm water and get medical attention if irritation persists.

SKIN: Immediately flush with luke-warm water and get medical attention if irritation persists.

INGESTION: If swallowed, do not induce vomiting. Call a physician, hospital, emergency room or poison control center immediately. Get prompt medical attention.

INHALATION: Move to fresh air. If irritation symptoms persist, get medical attention.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Acute health hazards may be delayed. Most common symptoms include irritating properties to eyes/respiratory system and skin.

SECTION 5: FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Water and/or foam – typically a Class A or Class B extinguisher should be sufficient for the product. However, selection of a fire extinguisher should also be appropriate to address the location of the fire and equipment involved.

SPECIAL FIRE FIGHTING PROCEDURES: Upon decomposition, persulfates yield oxygen and may thereby stimulate combustion of flammable and combustible materials. Extinguish fires with media appropriate for the burning material.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Caution: Product contains oxidizing materials. 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.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxygen, chlorine, oxides of sulfur, sodium oxide and ammonia

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: For small spills, wipe up with damp paper towels or sponge. Wash area completely with water. Rinse paper towels, sponges or mops thoroughly prior to disposal or storage. For larger quantities, sweep up and place in UN specification drum(s) for disposal. During clean-up, do not contaminate powder with organic material. Keep drummed waste cool and dry pending disposal.

PERSONAL PROTECTIVE EQUIPMENT: Plastic or rubber gloves, respirator, eye protection and apron may be required for clean-up of large spills.

SECTION 7: HANDLING AND STORAGE

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 store with or near fuels, solvents or other organic materials. Avoid heat, moisture and reducing agents.

Refer to product insert or container for additional use warnings.

OTHER PRECAUTIONS: Do not allow stored material to come into contact with moisture (keep lids properly affixed on product stored in plastic tubs). Do not store metal utensils inside containers of product.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: None required for product use. For handling large quantities of material, such as in the manufacturing of product, ventilation should be utilized.

VENTILATION: Local exhaust ventilation is not typically required for product use. For handling large quantities of material, such as in the manufacturing of product -- Local Exhaust: Explosion proof. Mechanical (general): Explosion proof.

RESPIRATORY PROTECTION: Respiratory protection is not required for product use. For manufacturing of product, respiratory protection may be considered. Ensure that the respirator meets current local occupational health and safety standards. Particulate filtering cartridges should be utilized with air-purifying respiratory protection.

EYE PROTECTION: None required for product use. For handling large quantities of material, safety glasses with side shields/goggles are recommended.



SKIN PROTECTION: Plastic or rubber gloves should be worn during product application and preparation. For handling large quantities of material, such as in product manufacturing, plastic or rubber gloves should also be considered for use

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Apron may be used for product handling. Tyvek clothing may also be suitable for handling large quantities of material.

WORK HYGIENIC PRACTICES: Ensure all work surfaces are clean. Metal instruments should not be used with this product or stored inside product containers.

Occupational Exposure Values:

OSHA PEL-TWA:	None Established
ACGIH TLV-TWA:	Sodium Persulfate//Potassium Persulfate: 0.1 mg/m3
OSHA PEL/ACGIH TLV STEL :	None Established
OSHA PEL/ACGIH TLV CEILING:	None Established

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Finely divided, free-flowing powder. May be white or colored and could have a possible ammonia odor or enhanced fragrance.

PHYSICAL STATE: Finely divided, free-flowing powder (solid).

BOILING POINT: F: N/A C: N/A **MELTING POINT:** Decomposes

FREEZING POINT: F: N/A C: N/A

VAPOR PRESSURE (mmHg): @ F: N/A C: N/A

VAPOR DENSITY (AIR = 1): @ F: N/A C: N/A

SPECIFIC GRAVITY (H2O = 1): >1 **EVAPORATION RATE:** N/A

SOLUBILITY IN WATER: Approx 80% water soluble

FLAMMABLE LIMITS IN AIR (% BY VOLUME): UPPER: N/A LOWER: N/A

FLASH POINT: F: N/A C: N/A **METHOD USED:** N/A

AUTOIGNITION TEMPERATURE: F: N/A C: N/A

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Material is stable at room temperature and under dry conditions. Heat and/or moisture may cause instability.

CONDITIONS TO AVOID (STABILITY): Heat, moisture and contamination with organic materials and metal utensils.

INCOMPATIBILITY (MATERIALS TO AVOID): Organic compounds (including flammable and combustible materials) and reducing agents.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Oxygen, chlorine, oxides of sulfur, sodium oxide and ammonia

HAZARDOUS POLYMERIZATION: Will not occur **CONDITIONS TO AVOID (POLYMERIZATION):** N/A

SECTION 11: TOXICOLOGICAL INFORMATION

CARCINOGENICITY:

OSHA: Not recognized as carcinogenic ACGIH: Not recognized as carcinogenic
NTP: Not recognized as carcinogenic IARC: Not recognized as carcinogenic

ROUTES OF EXPOSURE: Inhalation, eyes, skin

POTENTIAL HEALTH EFFECTS:

EYES: Irritation	SKIN: Irritation, possible allergic dermatitis
INGESTION: Harmful if swallowed, slightly toxic	INHALATION: Irritation and possible sensitization

ACUTE HEALTH HAZARDS: Irritation of eyes, skin and mucous membranes. Possible irritant/allergic dermatitis and respiratory signs and symptoms, the onset of which may be delayed.

CHRONIC HEALTH HAZARDS: Possible allergic dermatitis. Possible respiratory sensitization could occur.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Existing dermatological conditions (such as eczema) and respiratory conditions (such as bronchial asthma and/or bronchitis) may be exacerbated.

SECTION 12: ECOLOGICAL INFORMATION

The product itself has not been tested as a whole, but the following results have been associated with some of its constituents:

Potassium/Sodium Persulfate:

Bluegill sunfish, 96-hour LC50 = 771 mg/L
Rainbow Trout, 96-hour LC50 = 163 mg/L
Daphnia, 48-hour LC50 = 133 mg/L
Grass shrimp, 96 hour LC50 = 519 mg/L

CHEMICAL FATE: Biodegradability does not apply to inorganic substances.

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Hair bleaching products are ignitable RCRA hazardous wastes when intended for disposal. Physical and/or chemical deactivation/degradation is the required method of treatment and disposal.

RCRA HAZARD CLASS: D001

Follow all local governmental requirements intended for disposal.

SECTION 14: TRANSPORT INFORMATION

North American Ground Transportation

- **In Consumer Packaging:** ORM-D; Consumer Commodity
- **OTHER THAN CONSUMER PACKAGING:**
ID NUMBER: UN 1479
PROPER SHIPPING NAME: Oxidizing solid, n.o.s.
TECHNICAL NAME: (Potassium Persulfate, Sodium Persulfate)
HAZARD CLASS: 5.1
PACKING GROUP: III
LABEL STATEMENTS: Oxidizer 5.1 (see label on next page)

Transport Via Water

- **In Consumer Packaging:** Limited Quantity < 5 kg
ID NUMBER: UN 1479
PROPER SHIPPING NAME: Oxidizing solid, n.o.s.
TECHNICAL NAME: (Potassium Persulfate, Sodium Persulfate)
HAZARD CLASS: 5.1
PACKING GROUP: III
LABEL STATEMENTS: Oxidizer 5.1 or LTD QTY, if applicable (see Division 5.1 label on next page)
- **OTHER THAN CONSUMER PACKAGING:**
ID NUMBER: UN 1479
PROPER SHIPPING NAME: Oxidizing solid, n.o.s.
TECHNICAL NAME: (Potassium Persulfate, Sodium Persulfate)
HAZARD CLASS: 5.1
PACKING GROUP: III
LABEL STATEMENTS: Oxidizer 5.1 (see label on next page)

Transport Via Air

- **In Consumer Packaging:** Fully Regulated (see classification for "other than consumer packaging" below)
 - Limited quantity (maximum net quantity per package) = 10 kg
- **OTHER THAN CONSUMER PACKAGING:**
ID NUMBER: UN 1479
PROPER SHIPPING NAME: Oxidizing solid, n.o.s.
TECHNICAL NAME: (Potassium Persulfate, Sodium Persulfate)
HAZARD CLASS: 5.1
PACKING GROUP: III
LABEL STATEMENTS: Oxidizer 5.1 (see label on next page)

Please be aware of carrier transport variations before shipping hazardous materials.

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LABELS FOR THIS PRODUCT WHEN NOT SHIPPING AS A CONSUMER COMMODITY

Label for fully regulated materials, Division 5.1:



SECTION 15: REGULATORY INFORMATION

National Fire Protection Association Codes: Health: 1 Fire: 0 Reactivity: 1 Other: OX

Hazardous Materials Identification System: Class C; Oxidizing material

Occupational Safety and Health Administration: Oxidizing material/reactive, irritant, possible sensitizer, slightly toxic

US DOT/ICAO/IMDG: See section 14 above

SECTION 16: OTHER INFORMATION

PREPARATION INFORMATION: This document replaces the version dated September 15, 2004 and all previous versions of material safety data sheets related to this product.

Preparer: Chandra L. Jennings

Material Safety Data Sheet

Products associated with this document are exempt from OSHA's Hazard Communication Standard 29 CFR 1910.1200, due to low presence or no presence of hazardous materials. Standard must be consulted for specific requirements and reporting thresholds.

U.S. Department of Labor **Non-Haz**
Occupation Safety and Health Administration
(Non-Mandatory Form)
Form Approved

OMB No. 1218-0072

IDENTITY

L'Oreal Non-Hazardous hair styling, cosmetic and/or skin care products

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 Clark, NJ 07066	Telephone Number For Information (732) 499-2745
	Date Prepared May 10, 2005
	Signature of Preparer (optional) CLJ/GCD

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Not applicable				

Section III - Physical/Chemical Characteristics

Boiling Point (Liquids)	varies	Specific Gravity (H ₂ O = 1)	>1
Vapor Pressure (mm Hg)	N/A	Melting Point (Solids)	varies
Vapor Density (AIR = 1)	>1	Evaporation Rate (Butyl Acetate = 1)	<1

Solubility in Water

Generally soluble or miscible

Appearance and Odor

May have a mild to moderate fragrance

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) >200°F	Flammable Limits Not applicable	LEL N/A	UEL N/A
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Extinguishing Media

Carbon dioxide, dry chemical, foam, and/or water spray.

Special Fire Fighting Procedures

Fires involving bulk product may be extinguished with carbon dioxide, dry chemical, and/or foam. Water spray may be used to soak corrugated shipping containers of finished product if involved in a fire.

Unusual Fire and Explosion Hazards

None; however, observe usual precautions for handling of combustible materials. For manufacturing, minimize airborne vapor levels through engineering controls.

Section V - Reactivity Data**Non-Haz**

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

Incompatibility (Materials to Avoid)

Oxidizing agents and nitric acid.

Hazardous Decomposition or Byproducts

Silicon dioxide, carbon monoxide, carbon dioxide.

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	Yes

Health Hazards (Acute and Chronic)

No health hazards anticipated.

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

Signs and Symptoms of Exposure

No health hazards anticipated.

Medical Conditions Generally Aggravated by Exposure

None known.

Emergency and First Aid Procedure

If in eyes, flush with plenty of water for at least 15 minutes. Get medical attention if irritation occurs. If swallowed, drink one or two glasses of water or milk and consult a physician. If on skin, wash with soap and 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, if any, and absorb on vermiculite, spill pillows, or other absorbants. Containerize spent absorbants in suitable containers for disposal. Wash spill area with detergent solution as necessary.

Waste Disposal Method

Non-hazardous products are not regulated as hazardous wastes 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

For external use only. Use only as directed.

Section VIII - Control Measures

For routine manufacturing/filling operations, none generally required. For spills, wear an approved self-contained breathing apparatus.

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

Protective Gloves

Rubber or plastic gloves for bulk quantities.

Other Protective Clothing or Equipment

Safety glasses and protective clothing for bulk quantities.

Work/Hygienic Practices

OSHA hazard classification: Non-Hazardous

DOT classification: Bulk - Not regulated

Finished Product - Not regulated.
