

## 1. Identification

**Product identifier** L'ORÉAL PROFESSIONNEL BLOND STUDIO NUTRI-DEVELOPER - 30 VOL

**Other means of identification**

**SDS number** 00-21-0000094

**Recommended use** Personal care product used for cosmetic effect.

**Recommended restrictions** None known.

**Manufacturer/Importer/Supplier/Distributor information**

**US Address:** L'Oreal USA Products, Inc  
133 Terminal Avenue  
Clark, NJ 07066  
USA

**Canadian Address:** L'Oreal Canada  
4895 rue Hickmore  
Ville St-Laurent, H4T 1K5  
Canada

**Emergency Phone # :** 1-800-535-5053 (International: 352-323-3500)  
In Canada - 1-613-996-6666 (Canutec (\*666 Cellular))

**For further Information:** 1-732-499-2741

**Poison Control # :** 412-390-3326

## 2. Hazard(s) identification

**Physical hazards** Not classified.

**Health hazards** Serious eye damage/eye irritation Category 1

**OSHA defined hazards** Not classified.

### Label elements



**Signal word** Danger

**Hazard statement** Causes serious eye damage.

### Precautionary statement

**Prevention** Wear eye protection/face protection.

**Response** If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor.

**Storage** Store away from incompatible materials.

**Disposal** Dispose of waste and residues in accordance with local authority requirements.

**Hazard(s) not otherwise classified (HNOC)** None known.

**Supplemental information** None.

### 3. Composition/information on ingredients

#### Mixtures

Chemical name	Common name and synonyms	CAS number	%
MINERAL OIL		8042-47-5	17
HYDROGEN PEROXIDE		7722-84-1	9

\*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

### 4. First-aid measures

Inhalation	Move to fresh air. Call a physician if symptoms develop or persist.
Skin contact	Wash off with soap and water. Get medical attention if irritation develops and persists.
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.
Ingestion	Rinse mouth. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical attention if symptoms occur.
Most important symptoms/effects, acute and delayed	Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
General information	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

### 5. Fire-fighting measures

Suitable extinguishing media	Foam. Dry chemicals. Carbon dioxide (CO <sub>2</sub> ).
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire fighting equipment/instructions	Cool containers exposed to heat with water spray and remove container, if no risk is involved.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	Will burn if involved in a fire. No unusual fire or explosion hazards noted.

### 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.  Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.  Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.
Environmental precautions	Avoid discharge into drains, water courses or onto the ground.

### 7. Handling and storage

Precautions for safe handling	Do not get this material in contact with eyes. Avoid prolonged or repeated contact with skin. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.
Conditions for safe storage, including any incompatibilities	Keep away from heat and sources of ignition. Store in tightly closed container. Keep out of the reach of children. Store away from incompatible materials (see Section 10 of the SDS).

## 8. Exposure controls/personal protection

### Occupational exposure limits

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

#### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value	Form
HYDROGEN PEROXIDE (CAS 7722-84-1)	PEL	1.4 mg/m3	
		1 ppm	
MINERAL OIL (CAS 8042-47-5)	PEL	5 mg/m3	Mist.

#### US. ACGIH Threshold Limit Values

Components	Type	Value	Form
HYDROGEN PEROXIDE (CAS 7722-84-1)	TWA	1 ppm	
MINERAL OIL (CAS 8042-47-5)	TWA	5 mg/m3	Inhalable fraction.

#### US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value	Form
HYDROGEN PEROXIDE (CAS 7722-84-1)	TWA	1.4 mg/m3	
		1 ppm	
MINERAL OIL (CAS 8042-47-5)	STEL	10 mg/m3	Mist.
	TWA	5 mg/m3	Mist.

### Biological limit values

No biological exposure limits noted for the ingredient(s).

### Appropriate engineering controls

Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station.

### Individual protection measures, such as personal protective equipment

<b>Eye/face protection</b>	Applicable for industrial settings only. Wear safety glasses with side shields (or goggles) and a face shield.
<b>Skin protection</b>	
<b>Hand protection</b>	Applicable for industrial settings only. Wear appropriate chemical resistant gloves.
<b>Other</b>	Applicable for industrial settings only. Wear appropriate chemical resistant clothing.
<b>Respiratory protection</b>	Applicable for industrial settings only. In case of insufficient ventilation, wear suitable respiratory equipment.
<b>Thermal hazards</b>	Wear appropriate thermal protective clothing, when necessary.

### General hygiene considerations

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

## 9. Physical and chemical properties

### Appearance

<b>Physical state</b>	Liquid.
<b>Form</b>	Cream.
<b>Color</b>	Not available.

**Odor** Not available.

**Odor threshold** Not available.

**pH** 4 - 4.4

**Melting point/freezing point** Not available.

**Initial boiling point and boiling range** > 212 °F (> 100 °C)

Flash point	> 212.0 °F (> 100.0 °C) Closed Cup
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
<b>Upper/lower flammability or explosive limits</b>	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	Not available.
<b>Solubility(ies)</b>	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
<b>Other information</b>	
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

## 10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents.
Hazardous decomposition products	No hazardous decomposition products are known.

## 11. Toxicological information

### Information on likely routes of exposure

Inhalation	Prolonged inhalation may be harmful.
Skin contact	No adverse effects due to skin contact are expected.
Eye contact	Causes serious eye damage.
Ingestion	Expected to be a low ingestion hazard.

Symptoms related to the physical, chemical and toxicological characteristics	Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.
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### Information on toxicological effects

Acute toxicity	Not known.
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Product	Species	Test Results
L'ORÉAL PROFESSIONNEL BLOND STUDIO NUTRI-DEVELOPER - 30 VOL		
<b>Acute</b>		
<b>Inhalation</b>		
<i>Vapor</i>		
ATEmix		101.2 mg/l

Product	Species	Test Results
Oral ATEmix		7706 mg/kg
Components	Species	Test Results
HYDROGEN PEROXIDE (CAS 7722-84-1)		
<u>Acute</u>		
<b>Dermal</b>		
LD50	Rabbit	> 2000 mg/kg OECD 402
<b>Inhalation</b>		
<i>Vapor</i>		
LC0	Rat	170 mg/m³, 4 h OECD 403
<b>Oral</b>		
LD50	Rat	693.7 mg/kg OECD 401
MINERAL OIL (CAS 8042-47-5)		
<u>Acute</u>		
<b>Dermal</b>		
LD50	Rabbit	> 2000 mg/kg OECD 402
<b>Inhalation</b>		
<i>Aerosol</i>		
LC50	Rat	> 5 mg/L air, 4 h OECD 403
<b>Oral</b>		
LD50	Rat	> 5000 mg/kg OECD 401
<b>Skin corrosion/irritation</b>	Due to partial or complete lack of data the classification is not possible. No adverse effects due to skin contact are expected.	
<b>Irritation Corrosion - Skin</b>		
MINERAL OIL	OECD 404 Result: Not Irritating Species: Rabbit	
HYDROGEN PEROXIDE	OECD 404, 35% ≥ C < 50% Result: Irritating Species: Rabbit OECD 404, C ≥ 50% Result: Corrosive Species: Rabbit	
<b>Serious eye damage/eye irritation</b>	Causes serious eye damage.	
<b>Irritation Corrosion - Eye</b>		
MINERAL OIL	OECD 405 Result: Not Irritating Species: Rabbit	
HYDROGEN PEROXIDE	OECD 405, 5% ≥ C < 8% Result: Irritating Species: Rabbit OECD 405, C ≥ 8% Result: Corrosive Species: Rabbit	
<b>Respiratory or skin sensitization</b>		
<b>Respiratory sensitization</b>	Due to partial or complete lack of data the classification is not possible.	
<b>Skin sensitization</b>	Due to partial or complete lack of data the classification is not possible.	
<b>Skin sensitization</b>		
MINERAL OIL	OECD 406 Result: Not Sensitizing Species: Guinea pig	
HYDROGEN PEROXIDE	Result: Not Sensitizing Species: Guinea pig	
<b>Germ cell mutagenicity</b>	Due to partial or complete lack of data the classification is not possible.	

**Mutagenicity**  
MINERAL OIL  
HYDROGEN PEROXIDE

Result: In vitro tests did not show mutagenic effects  
Result: In vitro tests showed mutagenic effects which were not observed with in vivo test.

**Carcinogenicity** Not classifiable as to carcinogenicity to humans. Due to partial or complete lack of data the classification is not possible.

**IARC Monographs. Overall Evaluation of Carcinogenicity**

HYDROGEN PEROXIDE (CAS 7722-84-1) 3 Not classifiable as to carcinogenicity to humans.  
MINERAL OIL (CAS 8042-47-5) 3 Not classifiable as to carcinogenicity to humans.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)**

Not regulated.

**US. National Toxicology Program (NTP) Report on Carcinogens**

Not listed.

**Reproductive toxicity** Due to partial or complete lack of data the classification is not possible.

**Developmental effects**

MINERAL OIL > 5000 mg/kg bw/d OECD 414, No effects on development  
Result: NOAEL  
Species: Rat

**Reproductivity**

MINERAL OIL >= 2000 mg/kg bw/d OECD 415, No effects on fertility  
Result: NOAEL  
Species: Rat

**Specific target organ toxicity - single exposure** Due to partial or complete lack of data the classification is not possible.

HYDROGEN PEROXIDE 0, C ≥ 35%  
Result: Irritating

**Specific target organ toxicity - repeated exposure** Due to partial or complete lack of data the classification is not possible.

MINERAL OIL > 2000 mg/kg bw/d OECD 411, Dermal  
Result: NOAEL  
Species: Rat  
Test Duration: 90 d  
> 50 mg/m<sup>3</sup> air OECD 412, Inhalation  
Result: NOAEC  
Species: Rat  
Test Duration: 28 d  
>= 1200 mg/kg bw/d OECD 453, Oral  
Result: NOAEL  
Species: Rat  
Test Duration: 2 years  
HYDROGEN PEROXIDE 2.9 mg/L air OECD 412, Inhalation  
Result: NOAEL  
Species: Rat  
Test Duration: 28 d  
26 mg/kg bw/d OECD 408, Oral  
Result: NOAEL  
Species: Mouse  
Test Duration: 90 d

**Aspiration hazard** Based on available data, the classification criteria are not met.

## 12. Ecological information

**Ecotoxicity** The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Components	Species	Test Results
HYDROGEN PEROXIDE (CAS 7722-84-1)		
<b>Aquatic</b>		
<i>Acute</i>		
Algae	EC50	Chlorella vulgaris 2.5 mg/l, 72 h OECD 201
Crustacea	EC50	Daphnia pulex 2.4 mg/l, 48 h
Fish	LC50	Pimephales promelas 16.4 mg/l, 96 h

Components		Species	Test Results
Other	EC50	Activated sludge of a predominantly domestic sewage	2.5 mg/l, 30 min OECD 209
<i>Chronic</i>			
Crustacea	NOEC	Daphnia magna	0.63 mg/l, 21 d ASTM E 1193-97
MINERAL OIL (CAS 8042-47-5)			
<b>Aquatic</b>			
<i>Acute</i>			
Algae	NOEL	Pseudokirchneriella subcapitata	> 100 mg/l, 72 h OECD 201
Crustacea	EL50	Daphnia magna	> 100 mg/l, 48 h OECD 202
Fish	LL50	Oncorhynchus mykiss	> 100 mg/l, 96 h OECD 203
<i>Chronic</i>			
Crustacea	NOEC	Daphnia magna	10 mg/l, 21 d OECD 211

#### Persistence and degradability

##### Biodegradability

##### Percent degradation (Aerobic biodegradation)

HYDROGEN PEROXIDE

99 % OECD 209

Result: Readily Biodegradable

MINERAL OIL

31 % OECD 301 F

Result: Not Readily Biodegradable

#### Bioaccumulative potential

##### Mobility in soil

No data available.

##### Other adverse effects

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

### 13. Disposal considerations

#### Disposal instructions

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.

#### Local disposal regulations

Dispose in accordance with all applicable regulations.

#### Waste from residues / unused products

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

#### Contaminated packaging

Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

### 14. Transport information

#### DOT

##### FINISHED GOODS

Not regulated as dangerous goods.

##### BULK

Not regulated as dangerous goods.

#### IATA

##### FINISHED GOODS

Not regulated as dangerous goods.

##### BULK

Not regulated as dangerous goods.

#### IMDG

##### FINISHED GOODS

Not regulated as dangerous goods.

##### BULK

Not regulated as dangerous goods.

### 15. Regulatory information

#### US federal regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**Toxic Substances Control Act (TSCA)****TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)**

Not regulated.

**CERCLA Hazardous Substance List (40 CFR 302.4)**

Not listed.

**SARA 304 Emergency release notification**HYDROGEN PEROXIDE (CONC.> 52%) 1000 LBS  
(CAS 7722-84-1)**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1052)**

Not regulated.

**Superfund Amendments and Reauthorization Act of 1986 (SARA)****SARA 302 Extremely hazardous substance**

Chemical name	CAS number	Reportable quantity (pounds)	Threshold planning quantity (pounds)	Threshold planning quantity, lower value (pounds)	Threshold planning quantity, upper value (pounds)
HYDROGEN PEROXIDE	7722-84-1	1000	1000		

**SARA 311/312 Hazardous chemical** No (Exempt)**SARA 313 (TRI reporting)**

Not regulated.

**Other federal regulations****Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)**

Not regulated.

**Safe Drinking Water Act (SDWA)** Not regulated.**16. Other information, including date of preparation or last revision****Issue date** 07-23-2019**Version #** 01**NFPA ratings** Health: 3  
Flammability: 1  
Instability: 0**Disclaimer** The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.**Revision information** This document has undergone significant changes and should be reviewed in its entirety.