

# SAFETY DATA SHEET

## 1. Identification

**Product identifier** BIOLAGE GREEN RECOVERY CONDITIONER

**Other means of identification**

**SDS number** 00-12-0001030

**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 2A  
Sensitization, skin Category 1  
Reproductive toxicity Category 2

**OSHA defined hazards** Not classified.

**Label elements**



**Signal word** Warning

**Hazard statement** May cause an allergic skin reaction. Causes serious eye irritation. Suspected of damaging fertility or the unborn child.

### Precautionary statement

**Prevention** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wash thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection.

**Response** If on skin: Wash with plenty of water. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or concerned: Get medical advice/attention. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Wash contaminated clothing before reuse.

<b>Storage</b>	Store locked up.
<b>Disposal</b>	Dispose of contents/container in accordance with local/regional/national/international regulations.
<b>Hazard(s) not otherwise classified (HNOC)</b>	None known.
<b>Supplemental information</b>	None.

### 3. Composition/information on ingredients

#### Mixtures

Chemical name	Common name and synonyms	CAS number	%
STEARAMIDOPROPYL DIMETHYLAMINE		7651-02-7	2.37
HELIANTHUS ANNUUS (SUNFLOWER) SEED OIL		8001-21-6	1
SALICYLIC ACID		69-72-7	0.2
Limonene		5989-27-5	0.13

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

### 4. First-aid measures

<b>Inhalation</b>	Move to fresh air. Call a physician if symptoms develop or persist.
<b>Skin contact</b>	Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions.
<b>Eye contact</b>	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 if irritation develops and persists.
<b>Ingestion</b>	Rinse mouth. Get medical attention if symptoms occur.
<b>Most important symptoms/effects, acute and delayed</b>	Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. May cause an allergic skin reaction. Dermatitis. Rash.
<b>Indication of immediate medical attention and special treatment needed</b>	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
<b>General information</b>	IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse.

### 5. Fire-fighting measures

<b>Suitable extinguishing media</b>	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>Specific hazards arising from the chemical</b>	During fire, gases hazardous to health may be formed.
<b>Special protective equipment and precautions for firefighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Fire fighting equipment/instructions</b>	Move containers from fire area if you can do so without risk.
<b>Specific methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials.
<b>General fire hazards</b>	No unusual fire or explosion hazards noted.

### 6. Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures</b>	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist/vapors. 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.
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**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. Avoid discharge into drains, water courses or onto the ground.

**Environmental precautions****7. Handling and storage****Precautions for safe handling**

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing mist/vapors. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.

**Conditions for safe storage, including any incompatibilities**

Store locked up. 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
HELIANTHUS ANNUUS (SUNFLOWER) SEED OIL (CAS 8001-21-6)	PEL	5 mg/m <sup>3</sup>	Respirable fraction.
		15 mg/m <sup>3</sup>	Total dust.

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

Components	Type	Value	Form
HELIANTHUS ANNUUS (SUNFLOWER) SEED OIL (CAS 8001-21-6)	TWA	5 mg/m <sup>3</sup>	Respirable mist.
		10 mg/m <sup>3</sup>	Total mist

**US. Workplace Environmental Exposure Level (WEEL) Guides**

Components	Type	Value
Limonene (CAS 5989-27-5)	TWA	165.5 mg/m <sup>3</sup>
		30 ppm

**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****Eye/face protection**

Applicable for industrial settings only. Chemical respirator with organic vapor cartridge and full facepiece.

**Skin protection****Hand protection**

Applicable for industrial settings only. Wear appropriate chemical resistant gloves.

**Other**

Applicable for industrial settings only. Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

**Respiratory protection**

Applicable for industrial settings only. Chemical respirator with organic vapor cartridge and full facepiece.

**Thermal hazards**

Wear appropriate thermal protective clothing, when necessary.

**General hygiene considerations**

Observe any medical surveillance requirements. 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. Contaminated work clothing should not be allowed out of the workplace.

## 9. Physical and chemical properties

<b>Appearance</b>	Cream.
<b>Physical state</b>	Liquid.
<b>Color</b>	White.
<b>Odor</b>	Characteristic.
<b>Odor threshold</b>	Not available.
<b>pH</b>	3.5 - 4.5
<b>Melting point/freezing point</b>	Not available.
<b>Initial boiling point and boiling range</b>	> 212 °F (> 100 °C)
<b>Flash point</b>	> 212.0 °F (> 100.0 °C) Closed Cup
<b>Evaporation rate</b>	Not available.
<b>Flammability (solid, gas)</b>	Not applicable.
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit - lower (%)</b>	Not available.
<b>Flammability limit - upper (%)</b>	Not available.
<b>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit - upper (%)</b>	Not available.
<b>Vapor pressure</b>	Not available.
<b>Vapor density</b>	Not available.
<b>Relative density</b>	Not available.
<b>Solubility(ies)</b>	
<b>Solubility (water)</b>	Not available.
<b>Partition coefficient (n-octanol/water)</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition temperature</b>	Not available.
<b>Viscosity</b>	Not available.
<b>Other information</b>	
<b>Density</b>	0.97 g/cm3
<b>Explosive properties</b>	Not explosive.
<b>Oxidizing properties</b>	Not oxidizing.

## 10. Stability and reactivity

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

## 11. Toxicological information

### Information on likely routes of exposure

<b>Inhalation</b>	Prolonged inhalation may be harmful.
<b>Skin contact</b>	May cause an allergic skin reaction.
<b>Eye contact</b>	Causes serious eye irritation.
<b>Ingestion</b>	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. May cause an allergic skin reaction. Dermatitis. Rash.

**Information on toxicological effects**

**Acute toxicity**

Product	Species	Test Results
BIOLAGE GREEN RECOVERY CONDITIONER		

**Acute**

**Dermal**

ATEmix 261100 mg/kg

**Oral**

ATEmix 58960 mg/kg

Components	Species	Test Results
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Limonene (CAS 5989-27-5)

**Acute**

**Dermal**

LD50 Rabbit 5 g/kg

**Oral**

LD50 Rat > 2000 mg/kg

SALICYLIC ACID (CAS 69-72-7)

**Acute**

**Dermal**

LD50 Rat > 2000 mg/kg OECD 402

**Oral**

LD50 Rat 891 mg/kg OECD 401

STEARAMIDOPROPYL DIMETHYLAMINE (CAS 7651-02-7)

**Acute**

**Dermal**

LD50 Rabbit > 2000 mg/kg

**Oral**

LD50 Rat > 2000 mg/kg OECD 423

**Skin corrosion/irritation** Due to partial or complete lack of data the classification is not possible. No adverse effects due to skin contact are expected.

**Irritation Corrosion - Skin**

SALICYLIC ACID

OECD 404  
Result: Not Irritating  
Species: Rabbit

STEARAMIDOPROPYL DIMETHYLAMINE

OECE 404  
Result: Slightly Irritating  
Species: Rabbit

**Serious eye damage/eye irritation** Causes serious eye irritation.

**Irritation Corrosion - Eye**

STEARAMIDOPROPYL DIMETHYLAMINE

OECD 405  
Result: Corrosive  
Species: Rabbit  
Result: Severely Irritating  
Species: Rabbit

SALICYLIC ACID

**Respiratory or skin sensitization**

**Respiratory sensitization** Due to partial or complete lack of data the classification is not possible.

**Skin sensitization** May cause an allergic skin reaction.

**Skin sensitization**

STEARAMIDOPROPYL DIMETHYLAMINE

OECD 406  
Result: Not Sensitizing  
Species: Guinea pig

**Skin sensitization**  
SALICYLIC ACID

OECD 429  
Result: Not Sensitizing  
Species: Mouse

**Germ cell mutagenicity** Due to partial or complete lack of data the classification is not possible.

**Mutagenicity**

STEARAMIDOPROPYL DIMETHYLAMINE

Result: In vitro tests did not show mutagenic effects

**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**

Limonene (CAS 5989-27-5)

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** Suspected of damaging fertility or the unborn child.

**Developmental effects**

STEARAMIDOPROPYL DIMETHYLAMINE

200 mg/kg bw/d OECD 421, No effects on development  
Result: NOAEL  
Species: Rat

SALICYLIC ACID

75 mg/kg bw/d OECD 414  
Result: NOAEL  
Species: Rat

**Reproductivity**

SALICYLIC ACID

250 mg/kg bw/d OECD 416, Based on test data for structurally similar materials.  
Result: NOAEL  
Species: Rat

STEARAMIDOPROPYL DIMETHYLAMINE

70 mg/kg bw/d OECD 421  
Result: NOAEL  
Species: Rat

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

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

STEARAMIDOPROPYL DIMETHYLAMINE

> 200 mg/kg bw/d OECD 411, Dermal  
Result: NOAEL  
Species: Rat  
Test Duration: 90 d

SALICYLIC ACID

700 mg/m<sup>3</sup> air OECD 412, Based on test data for structurally similar materials.  
Result: NOEC  
Species: Rat  
Test Duration: 28 d

**Aspiration hazard** Due to partial or complete lack of data the classification is not possible.

**Further information** The reference to any animal testing for individual constituents mentioned in this document is based on public, third-party data.

## 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
Limonene (CAS 5989-27-5)			
Aquatic			
Crustacea	EC50	Water flea (Daphnia pulex)	69.6 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas)	0.619 - 0.796 mg/l, 96 hours

Components		Species	Test Results
SALICYLIC ACID (CAS 69-72-7)			
Aquatic			
Acute			
Algae	EC50	Desmodesmus subspicatus	> 100 mg/l, 72 h OECD 201
Crustacea	EC50	Daphnia magna	870 mg/l, 48 h OECD 202
Fish	LC50	Pimephales promelas	1370 mg/l, 96 h OECD 203
Other	EC50	Activated sludge of a predominantly domestic sewage	> 1000 mg/l, 3 h OECD 209
Chronic			
Crustacea	NOEC	Daphnia magna	10 mg/l, 21 d OECD 202
STEARAMIDOPROPYL DIMETHYLAMINE (CAS 7651-02-7)			
Aquatic			
Acute			
Algae	EC50	Desmodesmus subspicatus	0.14 mg/l, 72 h OECD 201
Crustacea	EC50	Daphnia magna	0.381 mg/l, 48 h OECD 202
Fish	LC50	Oncorhynchus mykiss	0.1 - 1 mg/l, 96 h OECD 203
Other	EC50	Activated sludge of a predominantly domestic sewage	100 - 1000 mg/l, 3 h OECD 209
Chronic			
Crustacea	NOEC	Daphnia magna	0.2 mg/l, 21 d OECD 211
Fish	NOEC	Danio rerio	0.1 mg/l, 9 d OECD 212

#### Persistence and degradability

##### Biodegradability

##### Percent degradation (Aerobic biodegradation)

SALICYLIC ACID

100 % OECD 301 C  
Result: Readily Biodegradable  
Test Duration: 28 d

STEARAMIDOPROPYL DIMETHYLAMINE

88 % OECD 301  
Result: Readily Biodegradable  
Test Duration: 28 d

#### Bioaccumulative potential

##### Partition coefficient n-octanol / water (log Kow)

Limonene

4.232

SALICYLIC ACID

2.26

#### 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**

Not regulated.

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

Not regulated.

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

Not listed.

**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** 08-06-2021

**Version #** 01

**NFPA ratings** Health: 2  
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.