

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Trade name or designation of the mixture	GARNIER GREEN LABS PINEA-C SERUM CREAM SPF 15
Synonyms	None.
SDS number	00-52-0000530
Product code	967571 63
Issue date	03-28-2022
Version number	01

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses	Personal care product used for cosmetic effect.
Uses advised against	None known.

1.3. Details of the supplier of the safety data sheet**Manufacturer**

Company name	L'ORÉAL PRODUKTION DEUTSCHLAND GmbH & CO
Address	Hertzstrasse 175 Baden - Wurttemberg D-76187 KARLSRUHE Deutschland

Telephone	+49 721 9727 200
e-mail	DEOPZ.SDB@loreal.com

1.4. Emergency telephone number

National Poison Information Center	+49 (0) 761 19240 (Available 24 hours a day. SDS/Product information may not be available for the Emergency Service.)
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SECTION 2: Hazards identification**2.1. Classification of the substance or mixture**

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

Classification according to Regulation (EC) No 1272/2008 as amended

This mixture does not meet the criteria for classification according to Regulation (EC) 1272/2008 as amended.

Hazard summary	Not classified for health hazards. However, occupational exposure to the mixture or substance(s) may cause adverse health effects. This is a consumer care product that is safe for consumers when used according to the label directions. Like many consumer products, a small number of individuals may experience reactions such as redness, rash and / or swelling upon prolonged or repeated skin contact or eye contact.
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2.2. Label elements**Label according to Regulation (EC) No. 1272/2008 as amended**

Hazard pictograms	None.
Signal word	None.
Hazard statements	The mixture does not meet the criteria for classification.

Precautionary statements

Prevention	
P102	Keep out of reach of children.
P103	Read label before use.
Response	
P101	If medical advice is needed, have product container or label at hand.
Storage	Store away from incompatible materials.
Disposal	Dispose of waste and residues in accordance with local authority requirements.

Supplemental label information 10,8% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 11,25% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment. EUH208 - Contains CAPRYLOYL SALICYLIC ACID, CITRUS LIMON (LEMON) FRUIT EXTRACT. May produce an allergic reaction.

2.3. Other hazards Not a PBT or vPvB substance or mixture.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

General information

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
BUTYL METHOXYDIBENZOYLMETHANE	2	70356-09-1 274-581-6	01-2119967408-25	-	
Classification:	Aquatic Chronic 4;H413				
CAPRYLOYL SALICYLIC ACID	0,3	- 417-790-1	01-0000016458-63	-	
Classification:	Skin Sens. 1;H317, Eye Dam. 1;H318, STOT SE 3;H335, Aquatic Chronic 3;H412				
CITRUS LIMON (LEMON) FRUIT EXTRACT	0,1	84929-31-7 284-515-8	01-2119495512-35	-	
Classification:	Flam. Liq. 3;H226, Asp. Tox. 1;H304, Skin Irrit. 2;H315, Skin Sens. 1B;H317, Aquatic Chronic 2;H411				

List of abbreviations and symbols that may be used above

#: This substance has been assigned Union workplace exposure limit(s).
M: M-factor
PBT: persistent, bioaccumulative and toxic substance.
vPvB: very persistent and very bioaccumulative substance.
All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

Composition comments The full text for all H-statements is displayed in section 16.

SECTION 4: First aid measures

General information Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

4.1. Description of 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 Rinse with water. Get medical attention if irritation develops and persists.
Ingestion Rinse mouth. Get medical attention if symptoms occur.

4.2. Most important symptoms and effects, both acute and delayed Exposure may cause temporary irritation, redness, or discomfort.

4.3. Indication of any immediate medical attention and special treatment needed Treat symptomatically.

SECTION 5: Firefighting measures

General fire hazards No unusual fire or explosion hazards noted.

5.1. Extinguishing media

Suitable extinguishing media Alcohol resistant foam. Dry powder. Carbon dioxide (CO₂).
Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture During fire, gases hazardous to health may be formed.

5.3. Advice for firefighters

Special protective equipment for firefighters Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Special fire fighting procedures Move containers from fire area if you can do so without risk.

Specific methods Use standard firefighting procedures and consider the hazards of other involved materials.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel Keep unnecessary personnel away. For personal protection, see section 8 of the SDS.

For emergency responders Keep unnecessary personnel away. Use personal protection recommended in Section 8 of the SDS.

6.2. Environmental precautions Avoid discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up Use water spray to reduce vapors or divert vapor cloud drift.

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.

6.4. Reference to other sections For personal protection, see section 8 of the SDS. For waste disposal, see section 13 of the SDS.

SECTION 7: Handling and storage

7.1. Precautions for safe handling Do not get in eyes, on skin, or on clothing. Avoid prolonged exposure.

7.2. Conditions for safe storage, including any incompatibilities Store in tightly closed container. Keep out of the reach of children. Store away from incompatible materials (see Section 10 of the SDS).

7.3. Specific end use(s) Not available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

Germany. DFG MAK List (advisory OELs). Commission for the Investigation of Health Hazards of Chemical Compounds in the Work Area (DFG)

Components	Type	Value	Form
GLYCERIN (CAS 56-81-5)	TWA	200 mg/m ³	Inhalable fraction.
TRIETHANOLAMINE (CAS 102-71-6)	TWA	1 mg/m ³	Inhalable fraction.

Germany. TRGS 900, Limit Values in the Ambient Air at the Workplace

Components	Type	Value	Form
GLYCERIN (CAS 56-81-5)	AGW	200 mg/m ³	Inhalable fraction.
TRIETHANOLAMINE (CAS 102-71-6)	AGW	1 mg/m ³	Inhalable fraction.

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

Recommended monitoring procedures Follow standard monitoring procedures.

Derived no effect levels (DNELs) Not available.

Predicted no effect concentrations (PNECs) Not available.

8.2. Exposure controls

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

General information Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

Eye/face protection Applicable for industrial settings only. Wear safety glasses with side shields (or goggles).

Skin protection

- Hand protection Applicable for industrial settings only. Wear appropriate chemical resistant gloves.

- Other	Applicable for industrial settings only.
Respiratory protection	Applicable for industrial settings only. In case of insufficient ventilation, wear suitable respiratory equipment.
Thermal hazards	Wear appropriate thermal protective clothing, when necessary.
Hygiene measures	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.
Environmental exposure controls	Not available.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state	Liquid.
Form	Cream.
Color	White to Yellow.
Odor	Characteristic.
Odor threshold	Not available.
pH	6,7 - 7,3
Melting point/freezing point	Not available.
Initial boiling point and boiling range	> 212 °F (> 100 °C)
Flash point	> 199,4 °F (> 93,0 °C) Closed Cup
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Explosive properties	Not explosive.
Oxidizing properties	Not oxidizing.

9.2. Other information

Density	1,01 - 1,07 g/cm ³
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SECTION 10: Stability and reactivity

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

SECTION 11: Toxicological information

General information	Occupational exposure to the substance or mixture may cause adverse effects.
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Information on likely routes of exposure

Inhalation	Prolonged inhalation may be harmful.
Skin contact	May cause an allergic skin reaction.
	Prolonged or repeated exposure may cause liver and kidney damage. These effects have not been observed in humans.
Eye contact	No adverse effects due to eye contact are expected.
Ingestion	May cause discomfort if swallowed. However, ingestion is not likely to be a primary route of occupational exposure.
Symptoms	Exposure may cause temporary irritation, redness, or discomfort.

11.1. Information on toxicological effects

Acute toxicity Not known.

Components	Species	Test Results
BUTYL METHOXYDIBENZOYLMETHANE (CAS 70356-09-1)		
<u>Acute</u>		
Oral		
LD50	Rat	> 16000 mg/kg
CAPRYLOYL SALICYLIC ACID		
<u>Acute</u>		
Dermal		
LD50	Rat	> 2000 mg/kg bw OECD 402
Oral		
LD50	Rat	3354 mg/kg bw OECD 401
CITRUS LIMON (LEMON) FRUIT EXTRACT (CAS 84929-31-7)		
<u>Acute</u>		
Dermal		
LD50	Rabbit	> 10000 mg/kg OECD 402
Oral		
LD50	Rat	> 5000 mg/kg OECD 401
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		
CAPRYLOYL SALICYLIC ACID	OECD 404	Result: Not Irritating
	Species: Rabbit	
CITRUS LIMON (LEMON) FRUIT EXTRACT	Result: Irritating	Species: Rabbit
Serious eye damage/eye irritation	Due to partial or complete lack of data the classification is not possible. No adverse effects due to eye contact are expected.	
Irritation Corrosion - Eye		
CITRUS LIMON (LEMON) FRUIT EXTRACT	0, (5%)	Result: Not Irritating
	Species: Rabbit	
CAPRYLOYL SALICYLIC ACID	OECD 405	Result: Corrosive
	Species: Rabbit	
Respiratory sensitization	Due to partial or complete lack of data the classification is not possible.	
Skin sensitization	Due to partial or complete lack of data the classification is not possible.	
Skin sensitization		
CAPRYLOYL SALICYLIC ACID	OECD 406	Result: Sensitizing
	Species: Guinea pig	
CITRUS LIMON (LEMON) FRUIT EXTRACT	OECD 429	Result: Sensitizing
	Species: Mouse	
Germ cell mutagenicity	Due to partial or complete lack of data the classification is not possible.	
Mutagenicity		
CAPRYLOYL SALICYLIC ACID	Result: In vitro and in vivo tests did not show mutagenic effects.	
CITRUS LIMON (LEMON) FRUIT EXTRACT	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.
Reproductive toxicity	Due to partial or complete lack of data the classification is not possible.
Developmental effects CAPRYLOYL SALICYLIC ACID	> 100 mg/kg bw/d OECD 414, No effects on development Result: NOEL Species: Rabbit
Reproductivity CAPRYLOYL SALICYLIC ACID	> 100 mg/kg bw/d OECD 421, No effects on fertility Result: NOEL Species: Rabbit
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 CAPRYLOYL SALICYLIC ACID	Due to partial or complete lack of data the classification is not possible. > 100 mg/kg bw/d OECD 407, Oral Result: NOEL Species: Rat Test Duration: 28 d
Aspiration hazard	Due to partial or complete lack of data the classification is not possible.
Mixture versus substance information	No information available.
Other information	The reference to any animal testing for individual constituents mentioned in this document is based on public, third-party data.

SECTION 12: Ecological information

12.1. Toxicity Based on available data, the classification criteria are not met for hazardous to the aquatic environment.

Components		Species	Test Results
BUTYL METHOXYDIBENZOYLMETHANE (CAS 70356-09-1)			
Aquatic			
Acute			
Algae	EL50	Pseudokirchneriella subcapitata	> 100 mg/l, 72 h OECD 201
Crustacea	EL50	Daphnia magna	> 100 mg/l, 48 h OECD 202
Fish	LL50	Cyprinus carpio	> 100 mg/l, 96 h OECD 203
Other	EC50	Activated sludge of a predominantly domestic sewage	> 1000 mg/l, 3 h OECD 209
CAPRYLOYL SALICYLIC ACID			
Aquatic			
Acute			
Algae	EC50	Desmodesmus subspicatus	160 mg/l, 72 h OECD 201
Crustacea	EC50	Daphnia magna	26,1 mg/l, 48 h OECD 202
Fish	LC50	Danio rerio	10 - 16 mg/l, 96 h OECD 203
Other	EC50	Activated sludge of a predominantly domestic sewage	413 mg/l, 3 h OECD 209
CITRUS LIMON (LEMON) FRUIT EXTRACT (CAS 84929-31-7)			
Aquatic			
Acute			
Algae	EL50	Pseudokirchneriella subcapitata	8 mg/l, 72 h OECD 201
Crustacea	EL50	Daphnia magna	1,1 mg/l, 48 h OECD 202
Fish	LL50	Danio rerio	5,65 mg/l, 96 h OECD 203

12.2. Persistence and degradability

Biodegradability

Percent degradation (Aerobic biodegradation)

CITRUS LIMON (LEMON) FRUIT EXTRACT Result: Readily Biodegradable

Percent degradation (Aerobic biodegradation-inherent)

CAPRYLOYL SALICYLIC ACID 90 % OECD 302 B
Result: Inherently biodegradable.
Test Duration: 28 d

12.3. Bioaccumulative potential

Partition coefficient

n-octanol/water (log Kow)

BUTYL METHOXYDIBENZOYL METHANE

6,1 OECD 117

CAPRYLOYL SALICYLIC ACID

0,32 A,8 - EEC/84/449

12.4. Mobility in soil No data available.

12.5. Results of PBT and vPvB assessment Not a PBT or vPvB substance or mixture.

12.6. 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.

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

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Residual waste 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.

EU waste code The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Disposal methods/information Collect and reclaim or dispose in sealed containers at licensed waste disposal site.

Special precautions Dispose in accordance with all applicable regulations.

SECTION 14: Transport information

ADR

FINISHED GOODS

14.1. - 14.6.: Not regulated as dangerous goods.

BULK

14.1. - 14.6.: Not regulated as dangerous goods.

IATA

FINISHED GOODS

14.1. - 14.6.: Not regulated as dangerous goods.

BULK

14.1. - 14.6.: Not regulated as dangerous goods.

IMDG

FINISHED GOODS

14.1. - 14.6.: Not regulated as dangerous goods.

BULK

14.1. - 14.6.: Not regulated as dangerous goods.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code Not established.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulations

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I and II, as amended

Not listed.

Regulation (EC) No. 850/2004 On persistent organic pollutants, Annex I as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended

Not listed.

Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry, as amended

Not listed.

Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA

Not listed.

Authorizations

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended

Not listed.

Restrictions on use

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended

Not listed.

Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work, as amended

Not listed.

Other EU regulations

Directive 2012/18/EU on major accident hazards involving dangerous substances, as amended

Not listed.

Other regulations

The product is classified and labelled in accordance with Regulation (EC) 1272/2008 (CLP Regulation) as amended. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006, as amended.

National regulations

Follow national regulation for work with chemical agents in accordance with Directive 98/24/EC, as amended.

Water hazard class

AwSV

WGK3

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

List of abbreviations

Not available.

References

Not available.

Information on evaluation method leading to the classification of mixture

The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.

Full text of any H-statements not written out in full under Sections 2 to 15

H226 Flammable liquid and vapor.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H335 May cause respiratory irritation.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.
H413 May cause long lasting harmful effects to aquatic life.

Revision information

None.

Training information

Follow training instructions when handling this material.

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.
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