SAFETY DATA SHEET

1. Identification

Product identifier **CERAVE BLEMISH CONTROL GEL WITH AHA & BHA**

Other means of identification

SDS number 00-57-0000023

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
Reproductive toxicity	Category 2

OSHA defined hazards Not classified.

Label elements

Signal word Danger

Hazard statement Causes serious eye damage. 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. Wear protective gloves/protective clothing/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 locked up.

Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.

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	%
GLYCERIN		56-81-5	7
GLYCOLIC ACID		79-14-1	3
SODIUM HYDROXIDE		1310-73-2	2.6
LACTIC ACID		50-21-5	2.5
SALICYLIC ACID		69-72-7	2
NIACINAMIDE		98-92-0	1

*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. 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 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.

5. Fire-fighting measures

Suitable extinguishing media Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2).

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 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.

General fire hazards 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 Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get this material in contact with eyes. 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
GLYCERIN (CAS 56-81-5)	PEL	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.
SODIUM HYDROXIDE (CAS 1310-73-2)	PEL	2 mg/m3	

US. ACGIH Threshold Limit Values

Components	Type	Value
SODIUM HYDROXIDE (CAS 1310-73-2)	Ceiling	2 mg/m3

US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
SODIUM HYDROXIDE (CAS 1310-73-2)	Ceiling	2 mg/m3

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.

9. Physical and chemical properties

Appearance

Physical state Liquid.

Form Gel.

Color Not available.

Odor Not available.

Odor threshold Not available.

pH 4.5 - 5.1

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.
Upper/lower flammability or explosive limits	
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.
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.
Other information	
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 acids. 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.

Information on toxicological effects

Acute toxicity Not known.

Product	Species	Test Results
CERAVE BLEMISH CONTROL GEL WITH AHA & BHA		
Acute		
Dermal		
ATEmix		3.333e+007 mg/kg

Product	Species	Test Results
Oral		
ATEmix		21460 mg/kg

Components	Species	Test Results
GLYCERIN (CAS 56-81-5)		
Acute		
Dermal		
LD50	Rabbit	> 18700 mg/kg bw
Inhalation		
LC50	Rat	> 570 mg/L air, 1 h
Oral		
LD50	Rat	27200 mg/kg bw
GLYCOLIC ACID (CAS 79-14-1)		
Acute		
Inhalation		
Aerosolized dust		
LC50	Rat	3.6 mg/l, 4 h
Oral		
LD50	Rat	1950 mg/kg
LACTIC ACID (CAS 50-21-5)		
Acute		
Dermal		
LD50	Rabbit	> 2000 mg/kg EPA OPP 81-2
Inhalation		
Mist		
LC50	Rat	> 7.94 g/l, 4 h OECD 403
Oral		
LD50	Rat	3543 mg/kg EPA OPP 81-1
NIACINAMIDE (CAS 98-92-0)		
Acute		
Dermal		
LD50	Rabbit	> 2000 mg/kg OECD 402
Inhalation		
Aerosol		
LC50	Rat	> 3.8 mg/l, 4 h OECD 436
Oral		
LD50	Rat	> 2500 mg/kg OECD 423
SALICYLIC ACID (CAS 69-72-7)		
Acute		
Dermal		
LD50	Rat	> 2000 mg/kg OECD 402
Oral		
LD50	Rat	891 mg/kg OECD 401
SODIUM HYDROXIDE (CAS 1310-73-2)		
Acute		
Dermal		
LD50	Rabbit	1350 mg/kg

Skin corrosion/irritation Based on available data, the classification criteria are not met. No adverse effects due to skin contact are expected.

Irritation Corrosion - Skin

GLYCOLIC ACID	OECD 404 Result: Corrosive Species: Rabbit
NIACINAMIDE	OECD 404 Result: Not Irritating Species: Rabbit
SALICYLIC ACID	OECD 404 Result: Not Irritating Species: Rabbit
LACTIC ACID	OECD 404 Result: Severely Irritating Species: Rabbit
SODIUM HYDROXIDE	Result: Corrosive Species: Rabbit
GLYCERIN	Result: Not Irritating Species: Rabbit

Serious eye damage/eye irritation Causes serious eye damage.

Irritation Corrosion - Eye

GLYCOLIC ACID	OECD 405 Result: Corrosive Species: Rabbit
SODIUM HYDROXIDE	OECD 405 Result: Corrosive Species: Rabbit
NIACINAMIDE	OECD 405 Result: Irritating Species: Rabbit
LACTIC ACID	OECD 438 Result: Severely Irritating Species: ex vivo
GLYCERIN	Result: Not Irritating Species: Rabbit
SALICYLIC ACID	Result: Severely Irritating Species: Rabbit

Respiratory or skin sensitization

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

GLYCERIN	167 mg/m3 air OECD 413, Inhalation Result: NOAEL Species: Rat Test Duration: 90 d
LACTIC ACID	EPA OPP 81-6 Result: Not Sensitizing Species: Guinea pig
GLYCOLIC ACID	OECD 406 Result: Not Sensitizing Species: Guinea pig
NIACINAMIDE	OECD 406 Result: Not Sensitizing Species: Guinea pig
SALICYLIC ACID	OECD 429 Result: Not Sensitizing Species: Mouse
GLYCERIN	Result: Not Sensitizing Species: Guinea pig
SODIUM HYDROXIDE	Result: Not Sensitizing Species: Human

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

Mutagenicity

GLYCERIN	Result: In vitro and in vivo tests did not show mutagenic effects.

Mutagenicity

GLYCOLIC ACID	Result: In vitro and in vivo tests did not show mutagenic effects.
NIACINAMIDE	Result: In vitro and in vivo tests did not show mutagenic effects.
SODIUM HYDROXIDE	Result: In vitro and in vivo tests did not show mutagenic effects.
LACTIC ACID	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

Not listed.

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

GLYCERIN	1310 mg/kg bw/d, No effects on development Result: NOAEL Species: Rat
GLYCOLIC ACID	150 mg/kg bw/d OECD 414 Result: NOAEL Species: Rat
NIACINAMIDE	50 mg/kg bw/d OECD 414, No effects on development Result: NOAEL Species: Rabbit
SALICYLIC ACID	75 mg/kg bw/d OECD 414 Result: NOAEL Species: Rat

Reproductivity

GLYCERIN	2000 mg/kg bw/d, No effects on fertility Result: NOAEL Species: Rat
SALICYLIC ACID	250 mg/kg bw/d OECD 416, Based on test data for structurally similar materials. Result: NOAEL Species: Rat
GLYCOLIC ACID	600 mg/kg bw/d OECD 415 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.

GLYCOLIC ACID	150 mg/kg bw/d OECD 408 Result: NOAEL Species: Rat Test Duration: 90 d
NIACINAMIDE	215 mg/kg bw/d OECD 407, Oral Result: NOAEL Species: Rat Test Duration: 28 d
SALICYLIC ACID	700 mg/m3 air OECD 412, Based on test data for structurally similar materials. Result: NOEC Species: Rat Test Duration: 28 d
GLYCERIN	8000 mg/kg bw/d, Oral Result: NOAEL Species: Rat Test Duration: 2 yr

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
GLYCERIN (CAS 56-81-5)			
Aquatic			
Acute			
Algae	EC0	Scenedesmus quadricauda	> 10000 mg/l, 192 h
Crustacea	EC50	Daphnia magna	1955 mg/l, 48 h
Fish	LC50	Oncorhynchus mykiss	54000 mg/l, 96 h
Other	NOEC	Pseudomonas putida	> 10000 mg/l, 16 h
GLYCOLIC ACID (CAS 79-14-1)			
Aquatic			
Acute			
Algae	EC50	Pseudokirchneriella subcapitata	44 mg/l, 72 h OECD 201
Crustacea	EC50	Daphnia magna	141 mg/l, 48 h OECD 202
Fish	LC50	Pimephales promelas	164 mg/l, 96 h
Other	EC50	Activated sludge of a predominantly domestic sewage	> 100 mg/l, 3 h OECD 209
LACTIC ACID (CAS 50-21-5)			
Aquatic			
Acute			
Algae	EC50	Pseudokirchneriella subcapitata	3500 mg/l, 72 h OECD 201
Crustacea	EC50	Daphnia magna	130 mg/l, 48 h OECD 202
Fish	LC50	Danio rerio	320 mg/l, 96 h OECD 203
Other	ED50	Activated sludge of a predominantly domestic sewage	> 100 mg/l, 3 h OECD 209
NIACINAMIDE (CAS 98-92-0)			
Aquatic			
Acute			
Algae	IC50	Desmodesmus subspicatus	> 1000 mg/l, 72 h OECD 201
Crustacea	EC50	Daphnia magna	> 1000 mg/l, 24 h OECD 202
Fish	LC50	Poecilia reticulata	> 1000 mg/l, 96 h OECD 203
Other	NOEC	Pseudomonas putida	4235 mg/l, 18 h OECD 209
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
SODIUM HYDROXIDE (CAS 1310-73-2)			
Aquatic			
Fish	LC50	Western mosquitofish (Gambusia affinis)	125 mg/l, 96 hours
Acute			
Crustacea	EC50	Ceriodaphnia dubia	40 mg/l, 48 h

Components		Species	Test Results
Fish	LC50	Leuciscus idus	189 mg/l, 48 h
Other	EC50	Photobacterium phosphoreum	22 mg/l, 15 min

Persistence and degradability

Biodegradability

Percent degradation (Aerobic biodegradation)

GLYCERIN	OECD 301 Result: Readily Biodegradable
GLYCOLIC ACID	89.6 % OECD 301 D Result: Readily Biodegradable Test Duration: 28 d
LACTIC ACID	OECD 301 D Result: Readily Biodegradable
NIACINAMIDE	96 % OECD 301 E Result: Readily Biodegradable Test Duration: 28 d
SALICYLIC ACID	100 % OECD 301 C Result: Readily Biodegradable Test Duration: 28 d

Bioaccumulative potential

Partition coefficient n-octanol / water (log Kow)

GLYCERIN	-1.76
GLYCOLIC ACID	-1.11
LACTIC ACID	-0.62 OECD 117
NIACINAMIDE	-0.38 OECD 107
SALICYLIC ACID	2.26

Bioconcentration factor (BCF)

NIACINAMIDE	3.162

Bioaccumulation

NIACINAMIDE	Result: Bioaccumulation is unlikely.

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)

SODIUM HYDROXIDE (CAS 1310-73-2) 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.

FEMA Priority Substances Respiratory Health and Safety in the Flavor Manufacturing Workplace

GLYCERIN (CAS 56-81-5) Other Flavoring Substances with OSHA PEL's

16. Other information, including date of preparation or last revision

Issue date 03-05-2021

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.