# SAFETY DATA SHEET

### 1. Identification

Product identifier	BIOLAGE COLOR BALMS - GROUP 7
Other means of identification	
SDS number	00-22-0000206
Recommended use	Personal care product used for cosmetic effect.
<b>Recommended restrictions</b>	None known.
Manufacturer/Importer/Supplier/I	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 1B
	Specific target organ toxicity, repeated exposure	Category 2
OSHA defined hazards	Not classified.	
Label elements		

Signal word	Warning
Hazard statement	May cause an allergic skin reaction. Causes serious eye irritation. May cause damage to organs through prolonged or repeated exposure.
Precautionary statement	
Prevention	Do not breathe mist/vapors. Wash thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Wear eye protection/face protection. Wear protective gloves.
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. Get medical advice/attention if you feel unwell. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Wash contaminated clothing before reuse.

Storage	Store away from incompatible materials.
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	%
BEHENTRIMONIUM CHLORIDE		68607-24-9	2.05
AMODIMETHICONE		68554-54-1	1.14
HC BLUE NO. 2		33229-34-4	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	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.
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 if irritation develops and persists.
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. May cause an allergic skin reaction. Dermatitis. Rash. Prolonged exposure may cause chronic effects.
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 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. Wash contaminated clothing before reuse.
5. Fire-fighting measures	
Cuitable autinguiables madia	Water for Form Dry chamical neurone Carbon disvide (CO2)

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 breathe 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.
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.
Environmental precautions	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.

7. Handling and storage		
Precautions for safe handling	Do not breathe mist/vapors. Avoid contact with eyes, skin, and clothing. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.	
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).	
8. Exposure controls/perse	onal protection	
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	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

•	•
Appearance	
Physical state	Liquid.
Color	Not available.
Odor	Characteristic.
Odor threshold	Not available.
рН	3.3 - 3.7
Melting point/freezing point	Not available.
Initial boiling point and boiling range	> 212 °F (> 100 °C)
Flash point	> 212.0 °F (> 100.0 °C)
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or exp	losive 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)	Net eveileble
	Not available.

Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Density	>= 0.98 g/cm3
Explosive properties	Not explosive.
<b>Oxidizing properties</b>	Not oxidizing.
10. Stability and reactivity	у

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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	No adverse effects due to inhalation are expected.
Skin contact	May cause an allergic skin reaction.
Eye contact	Causes serious eye irritation.
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. May cause an allergic skin reaction. Dermatitis. Rash.

### Information on toxicological effects

Acute toxicity	Not known.	
Product	Species	Test Results
BIOLAGE COLOR BALM	IS - GROUP 7	
Acute		
Dermal		
ATEmix		401600 mg/kg
Oral		
ATEmix		151700 mg/kg
Components	Species	Test Results
AMODIMETHICONE (CA	AS 68554-54-1)	
Acute		
Dermal		
LD50	Rabbit	> 2000 mg/kg
Oral		
LD50	Rat	> 8000 mg/kg
BEHENTRIMONIUM CH	ILORIDE (CAS 68607-24-9)	
Acute		
Oral		
LD50	Rat	3190 mg/kg OECD 401

Components	Species	Test Results
HC BLUE NO. 2 (CAS 33229-34-4	4)	
Acute		
Oral	-	
LD50	Rat	> 2000 mg/kg OECD 420
Skin corrosion/irritation	Due to partial or comple skin contact are expected	ete lack of data the classification is not possible. No adverse effects due to ed.
Irritation Corrosion - Sk	<b>cin</b>	
HC BLUE NO. 2		EU B.46
		Result: Not Irritating Species: RhE
BEHENTRIMONIUM	1 CHLORIDE	OECD 405
		Result: Irritating
	_	Species: Rabbit
AMODIMETHICONE	1	Result: Irritating Species: Rabbit
Serious eye damage/eye irritation	Causes serious eye irrit	
Irritation Corrosion - Ey	<b>/</b> 0	
BEHENTRIMONIUM		OECD 404
		Result: Corrosive
		Species: Rabbit
HC BLUE NO. 2		OECD 405 Result: Not Irritating
		Species: Rabbit
AMODIMETHICONE		Result: Irritating
		Species: Rabbit
Respiratory or skin sensitization	n	
<b>Respiratory sensitization</b>	Due to partial or comple	ete lack of data the classification is not possible.
Skin sensitization	May cause an allergic s	skin reaction.
Skin sensitization		
BEHENTRIMONIUM	1 CHLORIDE	OECD 406
		Result: Not Sensitizing
HC BLUE NO. 2		Species: Guinea pig OECD 429
		Result: Sensitizing
		Species: Mouse
AMODIMETHICONE		Result: Not Sensitizing
	Due to nortial an econol	Species: Guinea pig
Germ cell mutagenicity	Due to partial or comple	ete lack of data the classification is not possible.
	-	Deputtula vitro tooto did not chow mutogonia officito
AMODIMETHICONE BEHENTRIMONIUM		Result: In vitro tests did not show mutagenic effects Result: In vitro tests did not show mutagenic effects
HC BLUE NO. 2	TOHLONIDE	Result: In vitro tests showed mutagenic effects which were
		not observed with in vivo test.
Carcinogenicity	Not classifiable as to ca classification is not pos	arcinogenicity to humans. Due to partial or complete lack of data the sible.
IARC Monographs. Overall	Evaluation of Carcinoge	nicity
HC BLUE NO. 2 (CAS 33	3229-34-4)	3 Not classifiable as to carcinogenicity to humans.
OSHA Specifically Regulate		
Not regulated.		
US. National Toxicology Pro	ogram (NTP) Report on (	Carcinogens
Not listed.		
Reproductive toxicity	Due to partial or comple	ete lack of data the classification is not possible.
Developmental effects		
HC BLUE NO. 2		1000 mg/kg bw/d OECD 414
		Result: NOAEL Species: Bat
		Species: Rat

BEHENTRIMONIUM CHLORIDE     75 mg/hg bw/d OECD 42 Species: Rat Specific target organ toxicity - single exposure       Specific target organ toxicity - repeated exposure     Due to partial or complete lack of data the classification is not possible.       Specific target organ toxicity - repeated exposure     May cause damage to organs through prolonged or repeated exposure.       BEHENTRIMONIUM CHLORIDE     10 mg/hg bw/d OECD 407, Oral Result: NOAEL Species: Rat Test Duration: 28 d Models: NOAEL Species: Rat Test Duration: 28 d May cause altergic repeatory and kin reactions. The reference to any animal testing for individual constituents mentioned in this document is based on public, third-party data.       Aspiration hazard     Due to partial or complete lack of data the classification is not possible.       Chronic effects     May cause altergic repeatory and kin reactions. The reference to any animal testing for individual constituents mentioned in this document is based on public, third-party data.       12. Ecological information     Species     Test Results       Components     Species     Test Results       Adquatic     Acute     Species     Test Results       Acute     Constacea     EC50     Daphnia magna     11 mg/l, 48 h OECD 202       BEHENTRIMONIUM CHLORIDE (CAS 68607-24-9)     Acute     Acute       Acute     Constacea     EC50     Daphnia magna     1.9 mg/l, 21 h OECD 201       Crustacea     EC50     Daphnia magna     0.5 1 mg/l, 96 h OECD 203       Othornic	Reproductivity			75 malka huid OECD	121
single exposure Specific target organ toxicity - May cause damage to organs through prolonged or repeated exposure. The specific target organ toxicity - May cause damage to organs through prolonged or repeated exposure. EHENTRIMONIUM CHLORIDE IN OREL Specific target organ toxicity - 10 mg/kg bwid OECD 407, Oral Specific target organs through prolonged or repeated exposure. HC BLUE NO. 2 Aspiration hazard Use to partial or complete lack of data the classification is not possible. Chronic effects May cause adange to organs through prolonged or repeated exposure. Further information May cause adange to organs through prolonged or repeated exposure. Further information 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 Rat Acute Crustacea ECS0 Daphnia magna 11 mg/l, 48 h OECD 201 Acute Acute Augue ECS0 Daphnia magna 11 mg/l, 48 h OECD 202 BEHENTRIMONIUM CHLORIDE COS0 Caustacea ECS0 Daphnia magna 11 mg/l, 48 h OECD 202 BEHENTRIMONIUM CHLORIDE Cos0 Caustacea ECS0 Daphnia magna 13 mg/l, 48 h OECD 201 Crustacea ECS0 Daphnia magna 14 mg/l, 24 h OECD 202 EGE Crustacea ECS0 Daphnia magna 13 mg/l, 48 h OECD 201 Crustacea ECS0 Daphnia magna 14 mg/l, 48 h OECD 202 EGE Chronic Crustacea ECS0 Daphnia magna 13 mg/l, 48 h OECD 202 EGE Chronic Crustacea ECS0 Daphnia magna 14 mg/l, 24 h OECD 202 EGE Chronic Crustacea ECS0 Daphnia magna 13 mg/l, 48 h OECD 202 EGE Chronic Crustacea ECS0 Daphnia magna 14 mg/l, 48 h OECD 202 EGE Chronic Crustacea ECS0 Daphnia magna 14 mg/l, 48 h OECD 202 EGE Chronic Crustacea ECS0 Daphnia magna 14 mg/l, 48 h OECD 202 EGE Chronic Crustacea ECS0 Daphnia magna 2.9 mg/l, 48 h OECD 202 EGE Chronic Crustacea ECS0 Daphnia magna 2.9 mg/l, 48 h OECD 203 Chronic Crustacea ECS0 Daphnia magna 2.9 mg/l, 48 h OECD 202 EGE Chronic Crustacea ECS0 Daphnia magna 2.9 mg/l, 48 h OECD 203 EGE EGEN EGEN EGEN EGEN EGEN EGEN EGEN	BEHENTRIMONIUM CHLORIDE			Result: NOAEL	
repeated exposure BEHENTRIMONIUM CHLORIDE		Due to partial or complete lack of data the classification is not possible.			
HC BLUE NO. 2       Result: NOAEL Species: Rat Test Duration: 28 d         Aspiration hazard       Due to partial or complete lack of data the classification is not possible.         Chronic effects       May cause damage to organs through prolonged or repeated exposure.         Further information       May cause allergic respiratory and skin reactions. The reference to any animal testing for individual constituents mentioned in this document is based on public, third-party data. <b>12. Ecological information</b> The product is not tassified 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. <b>2. Ecological information</b> Species: Note:		May cause da	amage to organs	through prolonged or rep	peated exposure.
HC BLUE NO. 2       Subsective: Rat 300 mg/k point Obc2D Auge to See Set 100 action: 80 do ECD Auge to See Set 100 action: 90 do ECD Auge to See Set 100 action: 90 do ECD Auge to Set 100 actio: 90 do ECD AUGE to Set 100 actio: 90 do ECD	BEHENTRIMONIUM CHLOF	RIDE			407, Oral
Chronic effects       May cause damage to organs through prolonged or rep=ted exposure.         Further information       May cause allergic respiratory and skin reactions. The reference to any animal testing for individual constituents mentioned in this document is based on public, third-party data.         Components       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         AMODIMETHICONE (CAS 68554-564-1)       Species       Test Results         Aquatic       Acute       Acute       All mg/l, 48 h OECD 202         Aquatic       Acute       Algae       EC50       Desmodesmus subspicatus       3.48 mg/l, 72 h OECD 201         Aquatic       Acute       Algae       EC50       Desmodesmus subspicatus       3.48 mg/l, 72 h OECD 201         Aquatic       Acute       Algae       EC50       Desmodesmus subspicatus       3.48 mg/l, 71 h OECD 202         Other       EC50       Acute divide of a predominantly       data mg/l, 81 h OECD 202       OECD 203         Autitic       Acute       OECD       Desmodesmus subspicatus       3.48 mg/l, 71 d OECD 201         Autitic       Crustacea       NOEC       Dephnia magna       0.128 mg/l, 21 d OECD 201         Oth	HC BLUE NO. 2			Test Duration: 28 d 300 mg/kg bw/d OECD Result: NOAEL Species: Rat	408
Chronic effects       May cause allergic respiratory and skin reactions. The reference to any animal testing for dividual constituents mentiones. The reference to any animal testing for dividual constituents mentioned in this document is based on public, third-party data.         Carry Companies       The product is not classified as environmentally hazards. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.         Components       Specie       Test Results         Advatic       Acute       Test Results         Aquatic       Acute       Test Results       Advatic         Acute       Jagane       11 mg/l, 48 h OECD 202       Desting and animation of an ange of a predominant of a product is not classified of a predominant of a product is not classified of a predominant of a product is not classified of a predominant of a product is not classified of a predominant of a product is not classified of a predominant of a product is not prove of a predominant of a product is not prove of a predominant of a product is not prove of a predominant of a product is not prove of a predominant of a product is not prove of a predominant of a product is not prove of a predominant of a product is not prove of a predominant of a of a predom	Aspiration hazard	Due to partial	or complete lack	of data the classification	n is not possible.
Ecotoxicity The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large of frequent spills can have a harmful or damaging effect on the environmental.           Components         Species         Test Results           AMODIMETHICONE (CAS 68554-54-1)         Aquatic         Norregister State	Further information				
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	Mobility in soil	No data avail	able.		

**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.

#### ΙΑΤΑ

#### **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 No (Exempt) chemical

#### 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	Not regulated.
(SDWA)	

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

Issue date	04-01-2020
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.