

Rich Hydration Mask

Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)
Issue date: 3/3/2025 Version: 1.0

SECTION 1 Identification

1.1. Product identifier

Product form : Mixture
Trade name : Rich Hydration Mask
Product code : MC-018-147

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Recommended use : Hair mask
Restrictions on use : All other uses not recommended above

1.4. Supplier's details

Olaplex, Inc
1187 Coast Village Road
Suite #1-520.
Santa Barbara, California 93108
USA
T 908-229-0483
regulatory@olaplex.com

1.5. Emergency phone number

Emergency number : For Hazardous Materials or Dangerous Goods Incident Spill, Leak, Fire, Exposure, or Accident
Call CHEMTREC Day or Night: 1-800-424-9300 (Toll Free, USA) / 703-527-3887 (Virginia, USA)
CCN 1015755

SECTION 2 Hazard Identification

2.1. Classification of the substance or mixture

GHS US classification

Serious eye damage/eye irritation, Category 2A H319 Causes serious eye irritation.
Full text of H statements : see section 16

2.2. Label elements

GHS US labeling

Hazard pictograms (GHS US) :



Signal word (GHS US) : Warning
Hazard statements (GHS US) : Causes serious eye irritation
Precautionary statements (GHS US) : Wash hands thoroughly after handling.
Wear eye and face protection.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice or attention.

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2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

2.4. Hazards not otherwise classified

No additional information available

2.5. Unknown acute toxicity

No additional information available

SECTION 3 Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS US classification
Glycerine	CAS-No.: 56-81-5	3-5	Not classified
Behentrimonium Methosulfate	CAS-No.: 81646-13-1	1-3	Skin Irrit. 2, H315 Eye Dam. 1, H318
Behentrimonium Chloride	CAS-No.: 17301-53-0	1-3	Skin Irrit. 2, H315 Eye Irrit. 2A, H319
Bisaminopropyl diglycol dimaleate	CAS-No.: 1629579-82-3	0.1	Skin Sens. 1, H317

Full text of hazard classes and H-statements : see section 16

SECTION 4 First aid measures

4.1. Description of necessary first-aid measures

First-aid measures general	: First aider: Pay attention to self-protection. If you feel unwell, seek medical advice.
First-aid measures after inhalation	: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
First-aid measures after skin contact	: Rinse skin with water/shower. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	: Rinse mouth and spit the fluids out. Do NOT induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Call a poison center/doctor/physician if you feel unwell.

4.2. Most important symptoms/effects, acute and delayed

Symptoms/effects after skin contact	: Not expected to present a significant skin hazard under anticipated conditions of normal use.
Symptoms/effects after eye contact	: Causes eye irritation.
Symptoms/effects after ingestion	: Not expected to present a significant ingestion hazard under anticipated conditions of normal use.

4.3. Indication of immediate medical attention and special treatment needed, if necessary

Other medical advice or treatment	: Treat symptomatically.
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SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Dry chemical, CO₂, dry sand, or alcohol-resistant foam.
Unsuitable extinguishing media : None known.

5.2. Specific hazards arising from the chemical

Fire hazard : Presents no particular fire or explosion hazard.
Reactivity in case of fire : The product is non-reactive under normal conditions of use, storage and transport.
Hazardous decomposition products in case of fire : Toxic fumes may be released. Ammonia. Carbon dioxide. Carbon monoxide. Hydrocarbons. Nitrogen oxides. Sulfur oxides.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection. Use water spray or fog for cooling exposed containers. Use extinguishing media appropriate for surrounding fire. Move containers from fire area if it can be done without personal risk. Prevent fire-fighting water from entering environment.
Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.
Emergency procedures : Evacuate the danger area. If possible without taking personal risks, remove ignition sources, ventilate area. If outdoors, move to an area upwind of the danger area. Prevent other non-emergency personnel from entering the danger area. Only qualified personnel equipped with suitable protective equipment may intervene.

For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
Emergency procedures : Evacuate unnecessary personnel. Stop leak if safe to do so. Prevent runoff from entering drains, sewers or waterways.
Environmental precautions : Avoid release to the environment.

6.2. Methods and materials for containment and cleaning up

For containment : Stop leak, if possible without risk. Contain with non-combustible inert absorbent.
Methods for cleaning up : Take up in non-combustible inert absorbent and place into container for disposal. Decontaminate surfaces and equipment with water. Dispose of collected material as soon as possible in accordance with applicable local/regional/national/international regulations.

For further information refer to section 8: "Exposure controls/personal protection", For further information refer to section 13

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SECTION 7 Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Avoid breathing mist, spray. Avoid contact with eyes. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Take precautionary measures against static discharge.
- Hygiene measures : Always wash hands after handling the product. Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including incompatibilities

- Storage conditions : Keep container tightly closed. Store in a cool, dry and well-ventilated area away from incompatible substances.
- Incompatible materials : Alkalis. Strong acids, strong bases and strong oxidants.
- Packaging materials : Store always product in container of same material as original container.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

Glycerine (56-81-5)

USA - OSHA - Occupational Exposure Limits

Local name	Glycerin (mist)
OSHA PEL TWA	15 mg/m ³ (Total dust) 5 mg/m ³ (Respirable fraction)
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1

8.2. Appropriate engineering controls

- Appropriate engineering controls : Ensure good ventilation of the work station. Use general ventilation, local exhaust ventilation, or process enclosure to keep the airborne concentrations below the permissible exposure limits. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.
- Environmental exposure controls : Avoid release to the environment. Take measures to reduce or limit air emissions and releases to soil and the aquatic environment.

8.3. Individual protection measures, such as personal protective equipment

Personal protective equipment:

Personal protective equipment should be chosen according to national standards and in discussion with the supplier of the protective equipment. Wear recommended personal protective equipment.

Hand protection:

Hand protection should be chosen depending on activity. Handling product in bulk: Protective gloves. Consumer use: No special protection required

Eye protection:

Workplace: Wear safety glasses which protect from splashes. Consumer use: Do not use product on face or near eyes

Skin and body protection:

Workplace: Wear suitable protective clothing

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Respiratory protection:

No respiratory protection needed under normal use conditions

Personal protective equipment symbol(s):



SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state	: Liquid
Appearance	: Liquid.
Color	: White
Odor	: No data available
Odor threshold	: No data available
pH	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Flammability (solid, gas)	: Not applicable.
Vapor pressure	: No data available
Relative vapor density at 20°C	: No data available
Relative density	: No data available
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Explosion limits	: No data available
Particle characteristics	: No data available

Behentrimonium Methosulfate

Particle characteristics	No data available
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Behentrimonium Chloride

Particle characteristics	No data available
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Glycerine

Particle characteristics	No data available
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Bisaminopropyl diglycol dimaleate

Particle characteristics	No data available
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9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

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SECTION 10 Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions of use.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7). Incompatible materials.

10.5. Incompatible materials

Alkalis. Strong acids, strong bases and strong oxidants.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. Thermal decomposition generates: Ammonia. Carbon dioxide. Carbon monoxide. Hydrocarbons. Nitrogen oxides. Sulfur oxides.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

Behentrimonium Methosulfate

LD50 oral rat	3190 mg/kg body weight
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Glycerine

LD50 oral rat	12600 mg/kg
LD50 dermal rabbit	> 10000 mg/kg

Bisaminopropyl diglycol dimaleate

LD50 oral rat	2870 mg/kg body weight
LD50 dermal rat	2150 mg/kg body weight

Skin corrosion/irritation : Not classified

Behentrimonium Chloride

Additional information	Moderately irritating to rabbits on cutaneous application
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Glycerine

Additional information	Not irritating to rabbits on cutaneous application
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Serious eye damage/irritation : Causes serious eye irritation.

Behentrimonium Methosulfate

Serious eye damage/eye irritation, rabbit	Corrosive.
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Behentrimonium Chloride	
Serious eye damage/irritation, rabbit	Severely irritating to the eyes
Glycerine	
Additional information	Not irritating to rabbits on ocular application

Respiratory or skin sensitization : Skin sensitization Not classified. Skin sensitisation effects are not expected from the use of haircare products containing Bisaminopropyl diglycol dimaleate at up to 13.75%.

Glycerine	
Method, LLNA, mouse	(Not sensitive)
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified

Bisaminopropyl diglycol dimaleate	
NOAEL (animal/male, F0/P)	< 100 mg/kg body weight
NOAEL (animal/female, F0/P)	100 mg/kg body weight
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified

Behentrimonium Methosulfate	
NOAEL (oral,rat,90 days)	10 mg/kg body weight
Aspiration hazard	: Not classified

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Viscosity, kinematic	No data available

Behentrimonium Methosulfate	
Viscosity, kinematic	No data available

Behentrimonium Chloride	
Viscosity, kinematic	No data available

Glycerine	
Viscosity, kinematic	No data available

Bisaminopropyl diglycol dimaleate	
Viscosity, kinematic	No data available

Symptoms/effects after skin contact : Not expected to present a significant skin hazard under anticipated conditions of normal use.
Symptoms/effects after eye contact : Causes eye irritation.
Symptoms/effects after ingestion : Not expected to present a significant ingestion hazard under anticipated conditions of normal use.

SECTION 12 Ecological information

12.1. Ecotoxicity

Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

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Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Not classified

Behentrimonium Methosulfate	
LC50 - Fish [1]	3.5 mg/l
EC50 - Crustacea [1]	1.39 mg/l
EC50 72h - Algae [1]	3.48 mg/l
NOEC chronic fish	0.24 mg/l
Behentrimonium Chloride	
NOEC chronic crustacea	0.007 mg/l
Glycerine	
LC50 - Fish [1]	54000 mg/l
Bisaminopropyl diglycol dimaleate	
EC50 - Crustacea [1]	> 80 mg/l

12.2. Persistence and degradability

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Persistence and degradability	Not rapidly degradable
Behentrimonium Methosulfate	
Persistence and degradability	Not rapidly degradable
Behentrimonium Chloride	
Persistence and degradability	80 % biodegradation Readily biodegradable.
Glycerine	
Persistence and degradability	Not rapidly degradable
Bisaminopropyl diglycol dimaleate	
Persistence and degradability	Not rapidly degradable

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone : Not classified
Fluorinated greenhouse gases : No

SECTION 13 Disposal considerations

Regional waste regulation : Disposal must be done according to official regulations.
Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

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Sewage disposal recommendations	: Disposal must be done according to official regulations.
Product/Packaging disposal recommendations	: Disposal must be done according to official regulations. Refer to all applicable national, international and local regulations or provisions.
Additional information	: Do not re-use empty containers.
Ecological waste information	: Avoid release to the environment.

SECTION 14 Transport information

In accordance with DOT / IMDG / IATA

DOT	IMDG	IATA
14.1. UN number		
Not regulated for transport		
14.2. Proper Shipping Name		
Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)		
Not regulated	Not regulated	Not regulated
14.4. Packing group		
Not regulated	Not regulated	Not regulated
14.5. Environmental hazards		
	Not regulated	
No supplementary information available		

14.6. Transport in bulk

Not applicable

14.7. Special precautions for user

DOT

Not regulated

IMDG

Not regulated

IATA

Not regulated

SECTION 15 Regulatory information

15.1. Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory, except for:

C10-18 Triglycerides	CAS-No. 85665-33-4	3.5%
Behentrimonium Methosulfate	CAS-No. 81646-13-1	1-3%
Fats and glyceridic oils, shea butter	CAS-No. 194043-92-0	1%
Hydrogenated Castor Oil/Sebacic Acid Copolymer	CAS-No. 779327-41-2	1%

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Propylheptyl Caprylate	CAS-No. 868839-23-0	1%
Bisaminopropyl diglycol dimaleate	CAS-No. 1629579-82-3	0.1%

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

15.2. International regulations

CANADA

Behentrimonium Methosulfate (81646-13-1)

Listed on the Canadian DSL (Domestic Substances List)

Behentrimonium Chloride (17301-53-0)

Listed on the Canadian DSL (Domestic Substances List)

Glycerine (56-81-5)

Listed on the Canadian DSL (Domestic Substances List)

Bisaminopropyl diglycol dimaleate (1629579-82-3)

Not listed on the Canadian DSL (Domestic Substances List)/NDSL (Non-Domestic Substances List)

EU-Regulations

No additional information available

National regulations

Glycerine (56-81-5)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

15.3. State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

SECTION 16 Other information

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS)

Issue date : 3/3/2025

Full text of hazard classes and H-statements	
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.