GATTEFOSSÉ

Double Hair Treatment Discipline Mask
2997-1.11



+ Conditioning
+ Tame & Define
+ Volume control

Phase	Name	INCI	Supplier	%
A1	DEMINERALIZED WATER	WATER	-	62.72
	COCONUT WATER	COCOS NUCIFERA (COCONUT) WATER	-	5.00
	COSPHADERM® PA-12	SODIUM PHYTATE	COSPHATEC	0.20
	GLYCERIN	GLYCERIN	-	5.00
A2	STRUCTURE® XL	HYDROXYPROPYL STARCH PHOSPHATE	NOURYON	3.50
A3	MICROCARE® AMINE STAM	STEARAMIDOPROPYL DIMETHYLAMINE	THOR	1.00
	GENAMIN® KDMP	BEHENTRIMONIUM CHLORIDE	CLARIANT	2.00
A4	LACTIC ACID 90%	LACTIC ACID, WATER	-	0.37
A5	PLANTAREN® 2000	DECYL GLUCOSIDE	BASF	1.20
B	EMULIUM® DERMOLEA MB	POLYGLYCERYL-6 DISTEARATE, CANDELILLA/JOJOBA/RICE BRAN POLYGLYCERYL-3 ESTERS	GATTEFOSSE	4.00
	DEFINICIRE®	JOJOBA ESTERS, HELIANTHUS ANNUUS (SUNFLOWER) SEED WAX, POLYGLYCERIN-3	GATTEFOSSE	2.00
	LIPOCIRE™ A SG	C10-18 TRIGLYCERIDES	GATTEFOSSE	1.00
	CETEARYL ALCOHOL	CETEARYL ALCOHOL	-	5.50
	LIPOVOL™ C-76	COCOS NUCIFERA (COCONUT) OIL	VANTAGE	0.50
C	CAPRYLYL GLYCOL	CAPRYLYL GLYCOL	THOR	1.00
	PHYLDERM® VEGETAL	HYDROLYZED SOY PROTEIN	GATTEFOSSE	1.00
	GATULINE® AGE DEFENSE NP	WATER, JUGLANS REGIA (WALNUT) SEED EXTRACT	GATTEFOSSE	2.00
	EUXYL™ K 712	WATER, SODIUM BENZOATE, POTASSIUM SORBATE	SCHULKE & MAYR	1.00
	PERFUME NIU VAI MILK ITM0695516	FRAGRANCE	ARGEVILLE	0.80
D	LACTIC ACID 90%	LACTIC ACID, WATER	-	0.21
				100.00

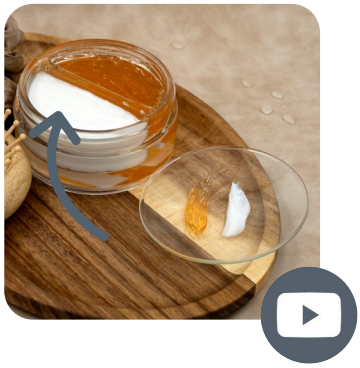
Operating instructions

- In main vessel weigh water phase A1 and heat to 70-72°C. Prepare oil phase B and heat to 70-72°C.
- Add phase A2 into A1 and disperse under medium shear (1500rpm) with rotor stator. Ensure that everything is dispersed correctly.
- Add phase A3 and mix well, keeping rotor stator to ensure that the gel is homogeneous.
- Neutralize Microcare® Amine Stam with Lactic acid of phase A4.
- Finish by adding phase A5, keeping rotor stator to ensure that the gel is homogeneous and all of phase A is homogeneous.
- Proceed with emulsion of phase B into phase A under high shear (2500rpm) with rotor stator. Homogenize for 10-15 minutes.
- Begin to cool down to 35°C under medium mixing.
- Add Phase C and mix well. One can put a low to medium shear with rotor stator (1000-1500rpm) to ensure that the formula is smooth.
- Adjust pH with phase D if necessary.

This formula is presented in good faith, however, no warranty as to the accuracy or completeness of results, or fitness for a particular use is given, nor is freedom from the infringement of any intellectual/industrial property rights to be inferred. It is provided "as is" for your consideration, investigation and verification. To the extent permissible by applicable law, Gattefossé shall in no way be liable for any reliance upon information or materials provided.

GATTEFOSSÉ

Double Hair Treatment Discipline Mask
2997-1.11



Description

Double Hair Treatment is an innovative, customizable rinse-off formula: one part of the jar is a Caring Jelly Mask, and the other part is a Discipline Mask, both formulas are mixable, with the ratio adjusted according to your hair needs that day (Care or Styling).
Caring Jelly Mask is a translucent D-Phase gel, with protective benefits thanks to **Protecticire® MB**.
Discipline Mask features hair styling properties (anti-frizz, definition, etc.) thanks to **Definicire®**.

How to use: After washing your hair, mix Caring Jelly Mask and Discipline Mask in your hands (choose your own mix: 50/50, 25/75, 75/25, etc.). Apply to wet hair and leave it on for about 5 minutes. Rinse thoroughly, then proceed with your usual routine.

Specifications

+ Aspect: Off-white cream
+ >94.9% from natural origin (ISO 16128)
+ Viscosity Brookfield RV (spindle B, speed 5): approx. 50 000 mPa.s after 24h
+ pH: 4.9 ± 0.3

Ingredients

- **Emulium® Dermolea MB** is a 100% natural origin O/W emulsifier that supports the skin barrier function and reduces skin sensitivity. It is adapted to a wide range of applications, including haircare, for soft and light textures.
- **Definicire®** is a texturizing agent designed for haircare. It creates a biomimetic lipid layer that ensures hair smoothness. It is an alternative to silicones, and it acts in synergy with quats.
- Plantaren® 2000 is a high HLB alkyl polyglucoside surfactant. It is used as co-emulsifier, and it helps with rinsability.
- Microcare® Amine Stam is an amine based conditioning and anti-static agent.
- Genamin® KDMP is a quaternary ammonium compound, acting as a hair conditioning agent.
- Cetearyl alcohol at 5.50% thickens the formula.
- **Gatuline® Age Defense NP** protects hair from UV and environmental damages from 0.5%.

GATTEFOSSÉ

Double Hair Treatment Caring Jelly Mask

3150-3.05



+ Translucent
+ Hair protection
+ >70% oils

Phase	Name	INCI	Supplier	%
A	DEMINERALIZED WATER	WATER	-	4.0
	EUMULGIN® SG	SODIUM STEAROYL GLUTAMATE	BASF	2.0
	GLYCERIN	GLYCERIN	-	14.0
	SURFHOPE C-1616	SUCROSE PALMITATE	MITSUBISHI KAGAKU FOODS CORP	2.0
	COSPHADERM® DICAPO NATURAL	CAPRYLYL GLYCOL, PROPANEDIOL, GLYCERYL PALMITATE	COSPHATEC	0.7
B	LEXFEEL™ NATURAL	HEPTYL UNDECYLENATE	INOLEX	14.0
	MOD MB	OCTYLDODECYL MYRISTATE	GATTEFOSSE	50.5
	COCOATE™ BG MB	BUTYLENE GLYCOL COCOATE	GATTEFOSSE	8.0
	PROTECTICIRE® MB	JOJOBA ESTERS, ORYZA SATIVA (RICE) BRAN WAX, POLYGLYCERYL-3 STEARATE, COPERNICIA CERIFERA (CARNAUBA) WAX	GATTEFOSSE	2.0
C	UNICERT® YELLOW 08006-J (0,5% SOL.)	WATER, YELLOW 6	SENSIENT	0.4
	GATULINE® AGE DEFENSE NP	WATER, JUGLANS REGIA (WALNUT) SEED EXTRACT	GATTEFOSSE	2.0
D	PERFUME NIU VAI MILK ITM0695516	FRAGRANCE	ARGEVILLE	0.4
				100.0

Operating instructions

- **The day before production (or at least 8-12hours before production)**: prepare phase A so the Surfhope C-1616 can be properly hydrated. The phase must be transparent.
- **On the production day**: check that there are no more aggregates in phase A before proceeding. Heat phase A to 75°C without mixing under vacuum.
- Weigh phase B and heat to 75°C. Check that the phase is homogeneous.
- Maintain the temperature of phases A and B at 65°C*.
- Under stirring and at 65°C, slowly add Phase B to Phase A (drop by drop) while gradually increasing the mixing speed (100rpm up to 2000 rpm) throughout the addition process (addition time: approximately 5 minutes, but depending on quantity produced). Once the addition is complete, maintain high-shear mixing at 2000 rpm under vacuum for 10 minutes.
- Cool the batch under gentle stirring (50–100 rpm) to minimize air incorporation. Once the temperature is below 35°C, add Phases C and D sequentially, ensuring each phase is fully incorporated before adding the next. Continue cooling to room temperature.

** 65°C in order to have a faster cooling down, but can also be done at 75°C*

It is essential to keep the processing parameters consistent, as viscosity is highly dependent on the agitation conditions. Increasing either the agitation speed or the mixing time will result in a higher product viscosity.

Once oil phase is added you can work under vacuum so the product will get the most transparency.

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Double Hair Treatment
Caring Jelly Mask
3150-3.05



Description

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Caring Jelly Mask is a translucent D-Phase gel, with protective benefits thanks to **Protecticire® MB**.
Discipline Mask features hair styling properties (anti-frizz, definition, etc.) thanks to **Definicire®**.

How to use: After washing your hair, mix Caring Jelly Mask and Discipline Mask in your hands (choose your own mix: 50/50, 25/75, 75/25, etc.). Apply to wet hair and leave it on for about 5 minutes. Rinse thoroughly, then proceed with your usual routine.

Specifications

+ Aspect: translucent/transparent orange gel
+ >99.5% from natural origin (ISO 16128)
+ Viscosity Brookfield RV (spindle C, speed 5): approx. 70.000 mPa.s after 24h
+ pH: 7.4 ± 0.3 (pH has an impact on transparency)

Ingredients

- **Protecticire® MB** is a fully natural active texturizing agent, helping to shield the hair fiber from daily environmental aggressors, preserving its strength and beauty.
- The mix of Surfhope C-1616, Eumulgin® SG, and 14% of glycerin creates the D-phase structure: a transparent emulsion with a high percentage of oil and glycol, and less than 10% of water-based ingredients.
- **MOD MB** is a silicone-free emollient that provides hair softness. It leaves hair silky and easy to manage after rinsing, without weighing it down.
- **Cocoate™ BG MB** improves the even distribution of the formula throughout the hair fiber while providing a lightweight, non-greasy feel. It helps deliver softness and shine without residue or build-up.
- **Gatuline® Age Defense NP** is a hydrophilic active ingredient protecting hair from UV and environmental damages.