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

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: 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.

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

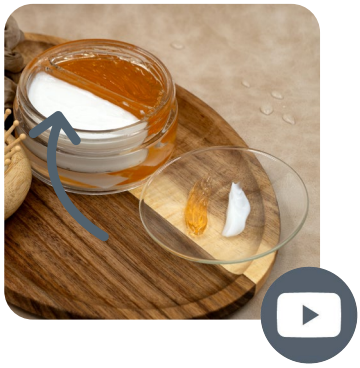
Operating instructions

- 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.

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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%.