GATTEFOSSÉ

Nomad Concentrated Shampoo

3053-1.33



+ 3x more concentrated

+ Sulfate-free

+ Emulsion-in-shampoo

Phase	Name	INCI	Supplier	%
A	ORIGINAL EXTRACT™ ORANGE BIO	CITRUS AURANTIUM DULCIS (ORANGE) FRUIT WATER	GATTEFOSSE	15.1
	GLYCERIN	GLYCERIN	-	3.0
	MYRISTIC ACID	MYRISTIC ACID	PROTAMEEN CHEMICALS	1.0
	EMULIUM® DOLCEA MB	CETEARYL ALCOHOL, GLYCERYL STEARATE, JOJOBA ESTERS, HELIANTHUS ANNUUS (SUNFLOWER) SEED WAX, SODIUM STEAROYL GLUTAMATE, WATER, POLYGLYCERIN-3	GATTEFOSSE	3.5
	PROTECTICIRE® MB	JOJOBA ESTERS, ORYZA SATIVA (RICE) BRAN WAX, POLYGLYCERYL-3 STEARATE, COPERNICIA CERIFERA (CARNAUBA) WAX	GATTEFOSSE	4.0
	LIPOVOL™ C-76	COCOS NUCIFERA (COCONUT) OIL	VANTAGE	3.0
	LIPOCIRE™ A SG	C10-18 TRIGLYCERIDES	GATTEFOSSE	1.0
	SPECTRASTAT™ G2 NATURAL MB	CAPRYLHYDROXAMIC ACID, GLYCERYL CAPRYLATE, GLYCERIN	INOLEX	1.5
B1	PROTAPON™ 30-A	SODIUM METHYL COCOYL TAURATE	PROTAMEEN CHEMICALS	24.0
B2	EMPIGEN® BSP	COCAMIDOPROPYL BETAINE	INNOSPEC	5.4
B3	JORDAPON® SCI Powder	SODIUM COCOYL ISETHIONATE	BASF	24.0
	PLANTACARE® 818 UP	COCO-GLUCOSIDE	BASF	14.0
C	GATULINE® AGE DEFENSE NP	WATER, JUGLANS REGIA (WALNUT) SEED EXTRACT	GATTEFOSSE	0.5
				100.0

Operating instructions

1st step: one-pot emulsion:
- Heat phase A to 75-80°C.
- Once everything is melted, proceed with the emulsification using a rotor-stator at 2500rpm for 10 minutes.
- Check that the emulsion is homogeneous, with only a slight foam layer on the surface. If excessive aeration is present, mix gently with side sweep and vacuum until acceptable, as an over-aerated Phase A will complicate the following steps.

2nd step: adding the surfactants
- Reduce the mixing speed and add Phase B1 at approximately 75°C. Mix slowly for 10 minutes.
- Try to break up lumps before adding B2 to the batch. At 75-80°C, add Phase B2 and continue mixing slowly for 20 minutes, or until all lumps have completely disappeared. This step is critical to ensure a smooth, lump-free product.
- Prepare a premix of Phase B3 by heating it to 85°C with regular stirring until a homogeneous paste is obtained and all lumps have completely disappeared. Add Phase B3 to the batch at 80-85°C and mix slowly for 5 minutes.
- At 80°C, add Phase C and mix slowly for 5 minutes.
- Discharge the batch while still hot, at approximately 75°C, as the product becomes significantly more viscous upon cooling.

Tips:
- The batch is prone to foaming under vacuum. Use vacuum sparingly and monitor closely.
- The formula will be very firm after 24 h, then gradually soften over 1–2 weeks. Stir well before filling.

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.

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Description

Three times less of this concentrated shampoo is needed compared to conventional shampoos, making it eco-responsible and travel-friendly. Sulfate-free, it contains a one-pot emulsion made with **Emulium® Dolcea MB**, associated with mild surfactants.

How to use: Wet your hair thoroughly and apply the concentrated shampoo directly to your hair. Massage gently to create a rich, creamy lather and distribute it evenly from roots to ends. The sensorial experience may feel slightly different from a traditional liquid shampoo, but the foam is soft, abundant, and pleasant to use. Rinse thoroughly, then follow with your haircare routine.

Specifications

+ Aspect: creamy white to off-white paste.
+ >99.5% from natural origin (ISO 16128)
+ pH: 6.3 ± 0.3
+ Viscosity Brookfield RV (spindle F, speed 5): approx. 300.000 mPa.s at T0 and 55°C.
  Too thick to measure viscosity after 24h.

Ingredients

- **Protecticire® MB** is a new fully natural texturizing ingredient that protects hair from everyday stressors. It shields every hair fiber to ensure the integrity of all hair types.
- **Original Extract™ Orange Bio** is an organic, upcycled fruit water substituting the small water phase of this concentrated formula.
- **Emulium® Dolcea MB** is a robust O/W emulsifier, used for its versatility and easy one-pot processing.
- **Lipocire™ A SG** is a feeling agent used to provide additional viscosity and sensory.
- Glycerin is a humectant and foam stabilizer.
- Myristic Acid is a pH adjuster and foam stabilizer.
- Spectrastat™ G2 Natural is a natural, broad-spectrum preservative.
- Plantacare® 818 UP is a mild, naturally derived, nonionic surfactant used as a secondary surfactant
- Protapon™ 30-A and Jordapon® SCI Powder are primary surfactants, with a high foaming effect.
- Empigen® BSP is a mild amphoteric surfactant that helps create a luxurious creamy lather
- **Gatuline® Age Defense NP** is an active ingredient that protects hair fibers against the deleterious effects of UV light.