



Nourishing Wave Gem 142-5.61

Bouncy semi-solid emulsion melting on skin with a fresh yet nourishing and smooth application

RICHNESS

PROCESS

APPLICATION



• FORMULATION FEATURES

- Ideal for oceanic climate
- Rich and nourishing feeling
- Fresh application
- Non-greasy & non-tacky
- Smooth after-feel

• FUNCTIONAL INGREDIENTS

Biophilic™ H MB (2%) – Emulsifier

- Emulsifies 32% oil phase
- Nourishing and non-tacky skin feel

Lysofix™ Liquid (1%) – Co-emulsifier

- Soft touch without greasy effect
- Helps stabilize the formula

• ACTIVE INGREDIENTS

Abyssine™ PF

- Deeply soothes and repairs sensitive skin

Actimilk™ Sweet Almond

- Provides softness in the skin



	INGREDIENT	INCI NAME	SUPPLIER	FUNCTION	%
A	Deionized Water E-Leen® Green A Elestab® CPN	Water Pentylene Glycol (and) Phenylpropanol Chlorphenesin	- Minasolve BASF	Vehicle Preservative Preservative	56.00 3.00 0.30
B	SAFIC® Care T XCG	Ceratonia Siliqua Gum (and) Xanthan Gum	Safic-Alcan	Gelling agent	0.10
C	SAFIC® Care T CK2	Carrageenan	Safic-Alcan	Gelling agent	1.20
D	Biophilic™ H MB	Hydrogenated Lecithin (and) C12-16 Alcohols (and) Palmitic Acid	Lucas Meyer Cosmetics	Emulsifier	2.00
E	Lipex® Illipesoft™ Coconut Vegetable Oil Kahlwax 6290 Cetiol® CC Sun E 1000	Shorea Stenoptera Seed Butter Cocos Nucifera (Coconut) Oil Rhus Verniciflua Peel Cera Dicaprylyl Carbonate Tocopherol (and) Helianthus Annuus (Sunflower) Seed Oil	AKK AB Aromazone Kahlwax BASF AOM	Thickener Emollient Thickener Emollient Antioxydant	8.50 8.50 7.00 8.00 0.20
F	Lysofix™ Liquid	Glycerin (and) Glycine Soja (Soybean) Seed Extract	Lucas Meyer Cosmetics	Emulsifier	1.00
G	Abyssine™ PF	Water (and) Butylene Glycol (and) Alteromonas Ferment Extract	Lucas Meyer Cosmetics	Active ingredient	2.00
H	Actimilk™ Sweet Almond	Water (and) Prunus Amygdalus Dulcis (Sweet Almond) Oil (and) Glycerin (and) Lysolecithin	Lucas Meyer Cosmetics	Active ingredient	2.00
	Sun in Bloom	Fragrance	IFF	Fragrance	0.20

Manufacturing Procedure:

1. Weight A and E and heat up each phase to 75-80°C. If the bulk is not formulated in a closed manufacturing tank, add 10% more water at the beginning of the formula to compensate water loss.
2. Add B into A at high stirring. Mix for 10 min until full development of the gel (tooth propeller)
3. Add C into AB at high stirring. Mix for 15 min (tooth propeller)
4. Add D into ABC at medium stirring. Mix for 10 min (tooth propeller)
5. Add E into ABCD (contact phase) at medium stirring. Mix for 5 min (tooth propeller)
6. Add F into ABCDE at moderate stirring. Mix for 5 min (tooth propeller)
7. Change stirring device and emulsify at high shear during 10 min (rotor stator homogenizer)
8. Change stirring device again and introduce successively G one by one and H into ABCDEF at moderate stirring. Mix 5 min (tooth propeller)
9. When temperature is down to 70°C pour in mould and cool down at 4°C after a 5 min step at room temperature.

Formula Specifications at D1:

Aspect: White bouncy solid
 Viscosity (Brookfield RV, Mobile TF, 5rpm, 1min): 850 000 cP – 1 050 000 cP
 pH: 5.50 – 6.20
 Preservative efficacy test: Pass
 Pilot Batch: 25 kg

Stability Tests: On pilot batch up to 5kg

Up to 3 months at: RT, 4-8°C and 40°C
 Freeze thaw cycles (24h at -18°C and 24h at 45°C – 3 weeks)
 D1 Centrifugation (3000 rpm, 20 min)
 D1 Vibrating table (400rpm, 4h)

S O L I D