



PearlySand Lotion 263-2.17

Pearly, fluid, body morphing gel-cream breaking on skin for instant freshness and hydration with a silky feel

RICHNESS | PROCESS | APPLICATION



• FORMULATION FEATURES

- Ideal for arid climate
- Fresh & silky feel
- Non-tacky
- Optimization of the preservative system

• FUNCTIONAL INGREDIENTS

Lecigel™ (0.5%) – Emulsi-gelling agent

- Emulsifies 7% oil phase at low percentage
- Cooling & quick-break effects

Siligel™ (0.5%) – Gelling agent

- Light and silky skin-feel
- Helps stabilize the formula in duo with Lecigel™

• ACTIVE INGREDIENTS

Morpholys™

- Reduces fat gain resulting from the natural aging process

Hydrosella™

- Provides immediate and long-lasting hydration to dry skin



	INGREDIENT	INCI NAME	SUPPLIER	FUNCTION	%
A	Deionized Water Hexiol A-Leen® Aroma-3	Water 1,2-Hexanediol Phenylpropanol	- Minasolve Minasolve	Vehicle Preservative Preservative	87.13 1.65 0.52
B	Siligel™	Xanthan Gum (and) Lecithin (and) Sclerotium Gum (and) Pullulan	Lucas Meyer Cosmetics	Gelling agent/ Stabilizer	0.50
C	Dub 810 C/MB	Coco-caprylate/caprate	Stearinerie Dubois	Emollient	7.00
D	Lecigel™	Sodium Acrylates Copolymer (and) Lecithin	Lucas Meyer Cosmetics	Emulsi-gelling agent	0.50
E	Morpholys™ Hydrosella™	Glycerin (and) Water (and) Nephelium Longana Seed Extract Glycerin (and) Water (and) Erythritol (and) Hibiscus Sabdariffa Fruit Extract	Lucas Meyer Cosmetics Lucas Meyer Cosmetics	Active ingredient Active ingredient	1.00 1.00
F	Aloe Softness Moonshine Gold Super Shimmer	Fragrance Calcium Sodium Borosilicate (and) Titanium Dioxide (and) Tin Oxide	IFF Glassflake	Fragrance Pearls	0.20 0.50

Manufacturing Procedure: COLD PROCESS

1. Prepare phase A.
2. Add B under high stirring during 5 min (rotor stator homogenizer).
3. Add C under medium stirring and increase to the maximum stirring during 5 min (rotor stator homogenizer).
4. Add D under medium stirring 5 min (tooth propeller).
5. Add E one by one.
6. Add F one by one.

Formula Specifications at D1:

Aspect: Light beige pearlescent lotion
 Viscosity (Brookfield LV, 25°C, spindle 3, 30 rpm, 1 min): 1 600
 - 2 400 Cp
 pH: 5.50 - 6.50
 Preservative efficacy test: Pass
 Pilot Batch: 25 kg

Stability Tests:

On lab batch up to 3kg
 1 month at 50°C
 3 months at: Room Temperature, UV, 4-8°C and 45°C
 Freeze thaw cycles (24h at -18°C and 24h at 45°C – 3 cycles)
 D1 Centrifugation (3000 rpm, 20 min)
 D1 Vibrating table (400rpm, 4h)