

Calming Body Lotion

A lightweight moisturising lotion, the gentle touch of the lotion melts into your skin leaving a soothing fragrance.

Ingredients

Phase	Trade Name	INCI name	% w/w	Supplier
A	Instathix®	Xanthan Gum, Sodium Stearoyl Lactylate, Tapioca Starch, Algin	4.0	Alchemy Ingredients
A	CCT	Caprylic/Capric Triglyceride	4.0	
A	IPM	Isopropyl Myristate	4.0	
A	Tocopherol	Tocopherol	0.5	
B	Water	Aqua	81.7	
B	Glycerine	Glycerine	3.0	
B	Panthenol	Panthenol	0.2	
C	Euxyl® PE9010	Phenoxyethanol, Ethylhexylglycerin	1.0	Schülke & Mayr
C	Rainforest Harvest AF	Glycerin, Aqua, Syzygium Leuhmanii Fruit Extract, Acronychia Acidula Fruit Extract, Davidsonia Pruriens Fruit Extract	0.5	Southern Cross Botanicals
C	FD & C Blue 1 0.1%	CI 42090	0.1	
C	Fragrance 'Marine Minerals'	Parfum	0.5	Sozio
C	Fragrance 'Dulce Seaweed'	Parfum	0.5	Sozio

Formulation Code: 101-21-00-00/1

Ingredient Benefits

Instathix®

- COSMOS Approved
- 100% Natural Origin (ISO 16128)
- PEG Free, vegan suitable and gluten free
- Very safe and mild formulation
- Easy to use powder blend with low use level (0.5 – 4%)
- 4-in-1 multi-functional ingredient - stabiliser, thickener, texture enhancer or as the sole emulsifying system
- Creates luxurious cream / gel translucent textures
- Satin matt appearance, mimicking silicone elastomer feel –can replace synthetic emulsifiers / polymers
- Can be used as an additive to enhance silky feel of creams

Method

- Heat water phase to 70°C
- Premix Instathix® in oil phase, then add water phase and stir till homogeneous
- Heat to 70°C and maintain temperature for 10 minutes
- Homogenise for 3 minutes at 3500- 5500 RPM
- Cool under mixing, add phase C when below 40°C

Characteristics

Stability

Stable for 3 weeks at 50°C and 3 months at 40°C

Appearance

Pale blue gel lotion

PH

6-7

Viscosity

Brookfield DV-E: RVHV-04 @ 5RPM & 20°C (±5 °C) = 12,000-18,000 cP (Fill size: 100g)

✓ Vegan

✓ PEG Free

Adapt the Formula

- Change oils for a different skin feel: vegetable oils – richer feel, esters = lighter feel
- Add 2-5% butters in oil phase to give a richer texture
- Change fragrance, colour and actives

The formulation above is intended for information purposes only based on the best of our knowledge. It is the responsibility of the customer to undertake the appropriate testing to determine the suitability of the product for their intended use.