

# Mattifying Day Cream

A rich gel cream to smooth and hydrate facial skin. Apply in upward strokes to the face and neck for a luxurious treatment.

## Ingredients

Phase	Trade Name	INCI name	% w/w	Supplier
A	Instathix®	Xanthan Gum, Sodium Stearoyl Lactylate, Tapioca Starch, Algin	3.50	Alchemy Ingredients
B	Glyceryl Stearate	Glyceryl Stearate	2.00	
B	Shea Butter	Butyrospermum parkii (Shea) Butter	3.00	
B	Cocoa Butter	Theobroma Cacao (Cocoa) Seed Butter	3.00	
B	Avocado Oil	Persea gratissima (Avocado) oil	2.00	
B	CCT	Caprylic/Capric Triglyceride	5.00	
B	Jojoba Oil	Simmondsia Chinensis Seed Oil	2.50	
C	Glycerine	Glycerine	5.00	
C	Water	Aqua	72.00	
C	Allantoin USP	Allantoin	0.20	Tri-K
D	Euxyl® PE9010	Phenoxyethanol, Ethylhexylglycerin	1.00	Schülke & Mayr
D	Fragrance 'Cocoa and Shea'	Parfum	0.80	Sozio

Formulation Code: 73-21-00-00/1

## Ingredient Benefits

Instathix®

- 4-in-1 multi-functional ingredient – emulsifier, stabiliser, thickener and texture enhancer
- Easy to use powder blend with low use level (0.5 – 4%)
- Very safe and mild formulation
- Creates luxurious cream / gel translucent textures
- Can replace synthetic emulsifiers / polymers, creating the same silicone elastomer feel with a satin matt appearance
- Can be used as an additive to enhance silky feel of creams or to increase viscosity and richness

## Method

- Heat oil phase until butters and waxes are fully melted then premix in Instathix®.
- Heat water phase to 70°C, add to oil phase and stir till homogenous.
- Heat to 70°C and maintain temperature for 10 minutes.
- Homogenise for 3 minutes at 3500-5500RPM.
- Cool under mixing, add phase D when temperature is below 40°C.

## Characteristics

Stability

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

Appearance

White Gel Cream

PH

6-7

Viscosity

Brookfield DV-E: RVHV-04 @ 10 RPM & 20°C (±5 °C) = 15,000 – 20,000 cP

✓ Vegan

✓ Natural Origin

✓ PEG free

## Adapt the Formula

- Change oils for a different skin feel: vegetable oils – richer feel, esters = lighter feel
- Remove butters to give a lighter texture
- Add extra starch or mattifying powder to enhance the matt effect.
- 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.