

# Body Yoghurt

A light textured gel cream which hydrates and refreshes, suitable for all parts of the body.

## Ingredients

Phase	Trade Name	INCI name	% w/w	Supplier
A	Instathix®	Xanthan Gum, Sodium Stearoyl Lactylate, Tapioca Starch, Algin	4.00	Alchemy Ingredients
A	CCT	Caprylic/Capric Triglyceride	4.00	
A	IPM	Isopropyl Myristate	4.00	
A	Tocopherol	Tocopherol	0.50	
B	Water	Aqua	82.35	
B	Glycerine	Glycerine	3.00	
B	Panthenol	Panthenol	0.20	
C	Euxyl® PE9010	Phenoxyethanol, Ethylhexylglycerin	1.00	Schülke & Mayr
C	Hemp Tein Z	Hydrolyzed Hemp Seed Protein	0.50	Tri-K
C	D & C Red 33 Sol	CI 17200	0.10	
C	Fragrance 'Lush Day Dream Clean'	Parfum	0.35	Sozio

Formulation Code: 074-21-00-00/1

## 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 homogenous.
- Heat to 70°C and maintain temperature for 10 minutes.
- Homogenise for 3 minutes at 3500-5500RPM.
- 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 pink thin gel cream

### PH

6-7

### Viscosity

Brookfield DV-E (RVHV-04 @ 10RPM & 20°C (±5 °C)): 12,000 – 18,000 cP

✓ 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.