

# Co-Wash Pudding

3 in 1 cleansing, nourishing and moisturising pudding.

## Ingredients

Phase	Trade Name	INCI name	% w/w	Supplier
A	Sucrathix VX	Microcrystalline Cellulose (and) Cellulose Gum (and) Xanthan Gum	3	Alchemy Ingredients
A	Water	Aqua	61.95	
A	Glycerin	Glycerin	1.5	
B	Sucragel® AP V2	Glycerin, Aqua, Sucrose Laurate	5	Alchemy Ingredients
B	Sucrablend SP V2	Sucrose Stearate, Sucrose Palmitate	0.1	Alchemy Ingredients
C	Cetiol C5C	Coco-caprylate/Caprates	15	BASF
C	Jamaican Black Castor Oil	Ricinus Communis (Castor) Seed Oil	1	
D	Wavemax	Water & Linum Usitatissimum (Linseed) Seed Extract & Salvia Hispanica Seed Extract	2	Chemyunion
D	Kera plant NPNF	Water, Hydrolyzed Wheat Protein, Hydrolyzed Soy Protein, Hydrolyzed Corn Protein	0.7	
D	Proshine	Castor Oil Propanediol Esters	0.5	Chemyunion
D	Shea and Coco Fragrance	Parfum	0.7	
D	Euxyl® PE9010	Phenoxyethanol, Ethylhexylglycerin	1	Schülke & Mayr
D	TEGO® Betaine F 50	Cocamidopropyl Betaine	7.5	
D	Caramel 50%	Caramel	0.05	

Formulation Code: 064-05-09-11/1

## Ingredient Benefits

### Sucrathix VX

- COSMOS approved
- Efficient, translucent water thickener
- Extremely efficient at suspending solids and powders
- Sheer thinning upon application to the skin
- Naturally-derived complex
- Offers increased viscosity and suspending abilities compared to cellulose or xanthan gum alone
- Increased stability and heat resistance in formulations
- Excellent emulsion stabiliser and thickener
- Stabilises oil in water emulsions at low use level
- Compatible with a wide variety of ingredients

## Method

- Mix phase A, heat to 70°C and homogenise until uniform.
- Mix the components of phase B in a beaker then heat to 70°C.
- Combine phase C then slowly add to phase B on the overhead mixer until a gel is formed.
- Add phase A to phase B/C on the overhead mixer then homogenise until uniform.
- Put back on the overhead mixer until the mixture has cooled to below 40°C, then add phase D.

## Characteristics

### Stability

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

### Appearance

Cream

### PH

5 to 7

### Viscosity

Spindle 04 @ 5RPM: 10,000 – 20,000cp (Model: Brookfield DV-E. Sample temperature: 20°C (±5 °C). Fill size: 100g)

✓ PEG Free

✓ Natural Origin

✓ Vegan

## Adapt the Formula

- Change oils for a different skin feel.
- Add strong colour for a wacky effect!
- Use a higher level of Sucrathix VX to get a firmer texture.
- Change actives and perfume.

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.