

# Conditioning Co-Wash

A low surfactant, mild product to prevent dry hair and improve condition.

## Ingredients

Phase	Trade Name	INCI name	% w/w	Supplier
A	Instathix®	Xanthan Gum, Sodium Stearoyl Lactylate, Tapioca Starch, Algin	2.50	Alchemy Ingredients
A	CCT	Caprylic/Capric Triglycerides	2.00	
A	Avocado Oil	Persea Gratissima (Avocado) Oil	0.50	
A	Hemp Seed Oil	Cannabis Sativa Seed Oil	0.50	
B	Water	Aqua	73.80	
B	Glycerine	Glycerine	5.00	
C	Rainforest Harvest™ AF	Glycerin, Aqua, Syzygium Leuhmanii Fruit Extract, Acronychia Acidula Fruit Extract, Davidsonia Pruriens Fruit Extract	1.00	Southern Cross Botanicals
C	Decyl Glucoside	Decyl Glucoside	10.00	
C	Sophocoll®	Aqua, Sodium Cocoyl Collagen Amino Acids, Glycolipids	3.00	Alchemy Ingredients
C	Fragrance 'Marine Minerals'	Parfum	0.25	Sozio
C	Fragrance 'Aloe Green Tea'	Parfum	0.35	Sozio
C	Blue 1	CI 42090	0.05	
C	Yellow 5	CI 19140	0.05	
C	PE9010	Phenoxyethanol, Ethylhexylglycerin	1.00	
D	50% Sol. Citric Acid	Aqua, Citric Acid	to pH 6.5-7	

Formulation Code: 107-21-27-00/1

## Ingredient Benefits

### Sophocoll®

- Nutrient based surfactant system
- Moisturises and repairs skin and hair
- Easy to use liquid, cold process ingredient
- 100% natural origin and COSMOS Approved
- Based on a vegan collagen-based surfactant and a biosurfactant

### Instathix®

- 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

- Combine phase A in a beaker and premix by hand. Heat the water then add phase B to phase A, homogenise at 3500-4000RPM until fully combined.
- Add phase C and stir in by hand until fully combined.
- Adjust the pH to between 6.5 and 7.

## Characteristics

### Stability

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

### Appearance

Green Fluid Cream

### PH

6.5 - 7

### Viscosity

Brookfield DV-E: RVHV-03 @ 10RPM & 20°C (±5 °C) = 9,000-12,000 cP (Fill size: 100g)

✓ PEG Free

✓ Natural Origin

✓ COSMOS Approved

✓ Vegan

## Adapt the Formula

- Change the actives for different benefits.
- Change out oils for different benefits.
- Change fragrances or colour.

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.