

# Detoxifying Scalp Serum

Cleansing drops that freshen the scalp and remove oil from the hair. Apply before shampooing.

ALCHEMY  
ingredients

## Ingredients

Phase	Trade Name	INCI name	% w/w	Supplier
A	Sclerothix®	Xanthan Gum, Sclerotium Gum, Algin	1.00	Alchemy Ingredients
A	Glycerine	Glycerin	5.00	
A	Water	Aqua	81.55	
A	Panthenol	Panthenol	2.00	
B	Microsol Natural	Caprylyl/Capryl Glucoside, Polyglyceryl-10 Laurate, Aqua, Disodium Cocoyl Glutamate, Sodium Cocoyl Glutamate	5.00	Alchemy Ingredients
B	Fragrance 'Dulce Seaweed'	Parfum	0.35	Sozio
C	Sophocoll®	Aqua, Sodium Cocoyl Collagen Amino Acids, Glycolipids	3.00	Alchemy Ingredients
C	Lime Pearl™ AF	Glycerin, Aqua, Microcitrus Australasica Fruit	1.00	Southern Cross Botanicals
C	PE9010	Phenoxyethanol, Ethylhexylglycerin	1.00	
C	Blue 1	CI 42090	0.10	
D	50% Sol. Citric Acid	Aqua, Citric Acid	to pH 6-7	

Formulation Code: 104-23-24-27/1

## Ingredient Benefits

### Sclerothix®

- COSMOS Approved
- 100% natural water thickener
- Powder blend with low use level
- Creates transparent smooth gels with suspending properties
- Very safe & mild

### 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

## Method

- Combine phase A in a beaker, homogenise at 3500-4000RPM until fully combined.
- Combine phase B in a separate beaker, stir by hand until transparent.
- Add phase B to phase A, stir in by hand until fully combined.
- Add phase C to phase A/B, stir in by hand until fully combined.
- Adjust the pH to between 6 and 7.

## Characteristics

### Stability

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

### Appearance

Blue Gel

### PH

6-7

### Viscosity

Brookfield DV-E: RVHV-04 @ 10RPM & 20°C (±5 °C) = 4,500 – 6,000 cP

✓ PEG Free

✓ Natural Origin

✓ Vegan

✓ COSMOS Approved

## Adapt the Formula

- Change the actives for different skin benefit.
- Change the colour and fragrance.
- Change the level of Sclerothix® for a different viscosity.

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.