

# Cold Process Emulsion

A simple cream base with a light and silky touch

ALCHEMY  
ingredients

## Ingredients

Phase	Trade Name	INCI name	% w/w	Supplier
A	Sucrabase C	Caprylic/Capric Triglycerides, Glycerin, Aqua, Sucrose Laurate, Sucrose Stearate	15.00	Alchemy Ingredients
B	Water	Aqua	77.00	
B	Sclerothix®	Xanthan Gum, Sclerotium Gum, Algin	1.5	Alchemy Ingredients
B	Hydratagel G	Glycerin, Water, Sodium Hyaluronate	5.00	Alchemy Ingredients
C	Euxyl® PE9010	Phenoxyethanol, Ethylhexylglycerin	1.00	
C	Herbal White Tea Fragrance	Parfum	0.50	Sozio

Formulation Code: 090-25-23-14/1

## Method

- Weigh out Phase A into a beaker.
- Combine Phase B in a separate beaker and disperse using a homogeniser at room temperature.
- Add Phase B into Phase A under constant stirring. Homogenise for 5 minutes.
- Add phase C

## Characteristics

### Stability

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

### Appearance

White Emulsion

### PH

6 - 7

### Viscosity

Brookfield DV-E RVHV-04 @ 10RPM, 20°C (±5 °C) & Fill Size 100g: 6,000-9,000 cP

✓ PEG Free

✓ Vegan

✓ Natural Origin

✓ Cosmos Approved

## Ingredient Benefits

### Sucrabase C

- 100% natural origin
- COSMOS Approved
- Reduced processing times
- Simple to use
- Versatile - can be used across a wide range of applications

### Sclerothix®

- COSMOS Approved
- 100% natural origin
- Powder blend with low use level
- Very safe & mild
- Gluten free

## Adapt the Formula

- Increase the level of Sclerothix for a thicker emulsion.
- Reduce the level of Sclerothix for a thinner emulsion.
- Include different actives for different skin benefits.

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.