

# Resurfacing Exfoliating Cleanser

An intensely foaming facial cleanser designed to remove dull dead skin cells for a glowing complexion.

## 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	64.50	
B	Bio-Terge AS-40	Sodium C14/C16 olefin sulfonate	20.00	
C	GlyAcid 70 HP	Glycolic Acid, Aqua	5.00	
C	25% NaOH Sol	Aqua, Sodium Hydroxide	2.95	
D	PE9010	Phenoxyethanol, Ethylhexylglycerin	1.00	
D	Fragrance 'Sea Fennel'	Parfum	0.50	Sozio
D	Blue 1	CI 42090	0.05	

Formulation Code: 100-11-00-00/1

## 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
- Vegan
- Globally approved
- Gluten Free

## 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.
- Add phase D, and adjust PH if required.

## Characteristics

### Stability

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

### Appearance

Blue Gel

### PH

3.5 - 4

### Viscosity

Brookfield DV-E: RVHV-03 @ 10RPM & 20°C (±5 °C) = 5,000-7,500 cP  
(Fill size: 100g)

✓ PEG Free

✓ Natural Origin

✓ COSMOS Approved

✓ Vegan

✓ Palm Oil Free

## 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.