

Anti-Aging Rejuvenating Serum

A serum with a fluid texture and low-oil content, adaptable for pipette packed applications.

ALCHEMY
ingredients

Ingredients

Phase	Trade Name	INCI name	% w/w	Supplier
A	Sucragel® XL	Glycerin, Caprylic/Capric Triglycerides, Aqua, Sucrose Laurate, Sucrose Stearate	8.00	Alchemy Ingredients
B	Cetiol C5C	Coco-Caprylate/Caprate	15.00	BASF
B	Isostearyl Isostearate	Isostearyl Isostearate	5.00	Gattefossé
B	Shea Butter	Butyrospermum Parkii (Shea) Butter	3.00	
B	Hemp Seed Oil	Cannabis Sativa (Hemp) Seed Oil	0.50	Biolie
C	Sucrathix VX	Microcrystalline Cellulose, Cellulose Gum, Xanthan Gum	2.0	Alchemy Ingredients
C	Water	Aqua	65.10	
D	IBR Dormin Organic 0306	Glycerin, Aqua, Narcissus Tazetta Bulb Extract	0.30	IBR
D	Skin Blitz	Aqua, Salvia Hispanica Seed Extract, Trehalose, Galactoarabinan, Glycerin, Xylitol, Sodium Phosphate, Sorbitol	0.50	Chemyunion
D	Fragrance "Beauty"	Parfum	0.10	
D	Euxyl PE9010	Phenoxyethanol, Ethylhexylglycerin	1.00	Schülke & Mayr GmbH

Formulation Code: 003-04-11-00/1

Method

- Transfer phase A into a beaker.
- Mix together phase B in a beaker and heat to 60°C.
- Using an overhead stirrer, add phase B to phase A very slowly over 5 minutes.
- Heat the water to 70°C.
- Disperse the Sucrathix® into the water phase using a homogeniser.
- Slowly add phase C into the oily gel under constant stirring.
- Homogenise for 5 minutes.
- When cooled add phase D.

Characteristics

Stability

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

Appearance

Thin white emulsion

PH

5-7

Viscosity

Spindle 02 @ 30 RPM, 600 - 1000 cp (Model: Brookfield DV-E. Sample temperature: 20°C (±5 °C). Fill size: 100g)

✓ PEG Free

✓ Vegan

✓ Natural Origin

✓ Cosmos Approved

Ingredient Benefits

Sucragel® XL

- 100% natural origin
- COSMOS Approved and NATRUE Approved
- Complete blend solution
- Transparency
- Cold process formulations
- Reduces processing time due to built-in heat stabiliser, no stabilising agents required
- Low usage required - a usage level as low as 15% results in high viscosity oils

Adapt the Formula

- Reduce % of Sucrathix VX to 1% to make a sprayable emulsion
- Change oils and butters
- Add 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.