

UV Hair Serum

Lightweight serum that adds a layer of protection for your hair against the harmful effect of UV radiation.

Ingredients

Phase	Trade Name	INCI name	% w/w	Supplier
A	HIPEgel® Oleo C	Glycerin, Coco-Caprylate/Caprates, Aqua, Sucrose Laurate, Sucrose Stearate	6.00	Alchemy Ingredients
A	Water	Aqua	2.00	
A	Glycerin	Glycerin	7.00	
B	Neo Heliopan AV	Ethylhexyl Methoxycinnamate	3.00	Symrise
B	Neo Heliopan OS	Ethylhexyl Salicylate	6.00	Symrise
B	Neo Heliopan 357	Butyl Methoxydibenzoylmethane	3.00	Symrise
B	Jojoba Oil	Simmondsia Chinensis Seed Oil	5.00	
B	CCT	Caprylic/Capric Triglyceride	57.40	
B	Argan Oil	Argania Spinosa Kernel Oil	5.00	
B	Olive Squalane	Squalane	5.00	
C	Fragrance 'Cocoa Shea'	Parfum	0.50	Sozio
C	Red 4 0.1%	CI 14700	0.10	

Formulation Code: 112-07-00-00/1

Ingredient Benefits

HIPEgel® Oleo C

- COSMOS approved
- NATRUE approved
- An easy way to make high oil HIPEs at room temperature
- Creates light formulas with a 'quick break' effect
- A transparent or translucent gel
- Low use level
- Transparent products can be achieved
- Stable viscous systems are made without the use of added thickeners – due to the nature of the polygonal packing of oil droplets in the structure
- Perfect for use in leave-on applications such as moisturisers

Method

- Mix together phase A in a beaker and heat to 60°C.
- Mix together Phase B in a separate beaker and heat until all solids are fully melted.
- Using an overhead stirrer, add Phase B to Phase A very slowly over 5 minutes.
- Add Phase C.

Characteristics

Stability

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

Appearance

Light Pink Translucent Gel

PH

5-7

Viscosity

Brookfield DV-E (T bar D (94) @ 10RPM & 20°C (±5 °C), Fill Size:100g): 30,000 – 60,000 cP

✓ PEG Free

✓ Natural Origin

✓ COSMOS Approved

✓ Vegan

✓ Preservative Free

Adapt the Formula

- Change oils and waxes used.
- Change fragrance or scrub particle.
- Adjust sun filter percentages to change level of UV protection.

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.