

After Sun Soothing Gel

A lightweight cooling gel designed to soothe and heal without a sticky after feel. Perfect for refreshing your skin after a day in the sun.

ALCHEMY
ingredients

Ingredients

Phase	Trade Name	INCI name	% w/w	Supplier
A	Clearthix® S	Cellulose Gum, Algin	1.5	Alchemy Ingredients
A	Water	Aqua	90.0	
A	Hydratagel G	Glycerin, Water, Sodium Hyaluronate	5.0	Alchemy Ingredients
A	Panthenol	Panthenol	0.5	
A	Abyssine PF	Water, Butylene Glycol, Alteromonas Ferment Extract	1.7	Lucas Meyer Cosmetics
A	Aloe Vera	Aloe Barbadensis Leaf Juice	0.1	
A	PE9010	Phenoxyethanol, Ethylhexylglycerin	1.0	
B	FD&C Blue 1 Sol 0.1%	CI 42090	0.1	
B	FD&C Yellow 5 Sol 0.1%	CI 19140	0.1	

Formulation Code: 078-13-14-00/1

Method

- Disperse phase A in water using a homogeniser at room temperature.
- Add phase B and stir in by hand.

Characteristics

Stability

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

Appearance

Bright green transparent gel

PH

5-7

Viscosity

Spindle 03 @ 10 RPM: 7000-9000 cp (Model: Brookfield DV-E. Sample temperature: 20°C (±5 °C). Fill size:100g)

✓ COSMOS Approved

✓ Natural Origin

✓ Vegan

✓ Palm Oil Free

✓ PEG Free

Ingredient Benefits

Clearthix® S

- COSMOS Approved
- Transparent general thickener for use on its own or in emulsions
- Cost effective due to low use level required
- Creates smooth, non-sticky textures
- Can be hot or cold processed
- Stable to pH, heat, alcohol and electrolytes; it requires no neutralisation and is easily dispersed in water
- It has a particular synergy with low levels of Hyaluronic acid, giving it a shear thinning rich texture
- Can be used as a substitute for synthetic polymer based thickeners

Adapt the Formula

- Change the actives for different skin benefits
- Change the 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.