

Hyaluronic Facial Gel

A moisturising gel to give skin a boost of Hyaluronic acid

ALCHEMY
ingredients

Ingredients

Phase	Trade Name	INCI name	% w/w	Supplier
A	Clearthix® S	Cellulose Gum, Algin	1.75	Alchemy Ingredients
A	Hydratagel G	Glycerin, Water, Sodium Hyaluronate	5.00	Alchemy Ingredients
A	Water	Aqua	91.95	
A	Allantoin USP	Allantoin, Water, Urea	0.20	Tri-K
A	Euxyl PE 9010	Phenoxyethanol, Ethylhexylglycerin	1.00	Schülke & Mayr
A	FD&C Blue 1 Sol 0.1%	CI 42090	0.05	
A	FD&C Yellow 5 Sol 0.1%	CI 19140	0.05	

Formulation Code: 024-13-14-00/1

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

Method

- Disperse all ingredients in water using a homogeniser at room temperature

Characteristics

Stability

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

Appearance

Pale green transparent gel

PH

5-7

Viscosity

Spindle 03 @ 5RPM: 12,000 – 15,000 cp (Model: Brookfield DV-E, Sample temperature: 20°C (±5 °C). Fill size: 100g)

✓ PEG Free

✓ Palm Oil Free

✓ Vegan

✓ Natural Origin

✓ COSMOS Approved

Adapt the Formula

- Change the colour
- Add more Hydratagel to increase viscosity
- Add actives

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.