

After Sun Daily Repair Lotion (SC-F 031N)

A hydrating daily lotion with a light, water-fresh texture that delivers a multitude of active ingredients to soothe and heal sun-damaged skin. Fast absorbing with a refreshing, hydrating afterfeel, this lotion features a high end sensory profile.

While Phytocare-HA CG 1M forms a hydrating film on the skin, Phytocare-HA CG DH penetrates the skin to promote hydration deep in the skin layers. The addition of bisabolol, panthenol, aloe and vitamin E serves to complement the hydrating effect of the Phytocare actives by offering additional anti-irritation and anti-oxidant benefits.

SENSOGEL NOVUS is a very powerful polyol thickener which is used to great effect in this formula. Not only does it boost the viscosity of polyols like glycerin from a soft liquid into a structured gel, but also tamps down on the traditional stickiness associated with these types of ingredients.

PHYTOCARE-HA CG 1M is one of two magic hydration powerhouse actives extracted from Snow Mushroom. Phytocare-HA CG 1M forms a moisture- restoring flexible film to hydrate and repair the skin, thus rebuilding skin elasticity.

PHYTOCARE-HA CG DH is one of two magic hydration powerhouse actives extracted from Snow Mushroom. Phytocare-HA CG DH penetrates the skin to hydrate deep in the skin layers and promote the generation of hyaluronic acid in the dermis.

Specifications

🍏 Viscosity at 10 rpm: 21,000 cP

🍏 50°C oven: 1 month stable

🍏 Freeze-Thaw: Passed 3 Cycles

PHASE	INCI NAME (TRADE NAME)	USAGE (WT%)
A ₁	Water	68.50
	Aloe Juice Concentrate 10x	5.0
	DL-Panthenol	0.30
	Preservative	1.0
A ₂	Tremella Fuciformis Sporocarp Extract (PhytoCare-HA CG 1M)	0.20
	Tremella Fuciformis Sporocarp Extract (PhytoCare-HA CG DH)	0.20
	Glycerin	10.0
B	Sensogel NOVUS	4.0
	Jojoba Oil	10.0
	Bisabolol (Dragosanto1 100)	0.30
	Vitamin E Acetate	0.50
	Fragrance	Q.S.

Processing Method

1. Add Phase A₁ to the main vessel and slowly mix using a dispersion blade (300-500rpm).
2. In a separate container, mix Phase A₂ to create a slurry. While continuing to mix Phase A₁, add Phase A₂ into the main vessel. Increase the speed to 500-600rpm and continue mixing for 10 minutes.
3. Mix Phase B in a separate vessel until homogeneous.
4. Move the main vessel to a Silverson homogenizer. Slowly add Phase B into the main vessel while homogenizing and increasing speed to 2000rpm. Continue homogenizing for 10 minutes.