



After-Mask Rescue Balm (SC-F 028N)

This silky rich formula is a hydration and anti-irritation powerhouse, designed to instantly replenish damaged skin barriers worn down after a long day of wearing PPE masks. This formulation contains an astounding 30% glycerin along with 15% sorbitol, which utilizes Sensogel's SPE Complex technology to create a dense, applicator-friendly gel that melts into the skin like silicone elastomer without any tacky residue.

The addition of bisbolol and our Phytocare-HA snow mushroom extract creates a double whammy of anti-irritation and hyaluronic acid-like hydration benefits. This is a stable formula that can easily tolerate additional actives, so formulators can add in anti-acne ingredients like salicylic acid to help treat "maskne" as well.

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.

Specifications

- 🍏 Viscosity at 5 rpm: 60,600 cP
- 🍏 50°C oven: On-going
- 🍏 Freeze-Thaw: Passed 3 Cycles

PHASE	INCI NAME (TRADE NAME)	USAGE (WT%)
A	Isohexadecane	6.50
	Coco- Caprylate/Caprate	10.0
	Preservative	0.20
	Bisabolol (Dragosanto1 100)	0.30
B₁	Glycerin	30.0
	Snow Mushroom Extract (PhytoCare-HA CG 1M)	0.30
	Sorbitol	15.0
B₂	Water	35.9
B₃	Sensogel Novus	1.20
C	Sensogel Novus	0.60

Processing Method

- Mix Phase B₁ with a dispersion blade for 2 minutes until well-dispersed at room temperature, then add Phase B₂ and continue mixing to dissolve sorbitol.
- When Phase B₁₊₂ is homogenous, Phase B₃ while continuing to mix on dispersion blade for 10 minutes at 500 - 1000 rpm at room temperature. Soft gel mixture is formed when Phase B₃ is fully dispersed.
- Slowly add Phase A into Phase B allowing accumulated oil phase to incorporate before continuing to add oil phase. Continue mixing for 5-10 minutes.
- Add Phase C to finish thickening the system to a gel consistency and let mix for 10 minutes. Increase mixer speed when a dense gel mixture is formed.

Note: For CL-F002(N) , prototype with N is using Sensogel Novus, prototype without N is using Sensogel 200.

Create Possibilities

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