



Super Fresh Aqueous Day Cream (SC-F 022(N))

A "K-Beauty" day cream featuring that distinctive water light freshness upon application. A unique feature is the high glycerin content for advanced moisturization without any of the traditional tackiness associated with glycerin usage.

SENSOGEL, a sensorial rheology modifier for emulsion systems, that provides a surprisingly non-tacky, "super-fresh" sensory with a quick-absorbing feature. The stable and consistent performance makes it easy to create a range of textures from sprays to butters by simply varying the usage rate.

PHYTOCARE is a magic hydration powerhouse active which forms a moisture-restoring flexible film to hydrate and repair the skin, thus rebuilding skin elasticity.

PHASE	INCI NAME (TRADE NAME)	USAGE (WT%)
A	Sensogel 200/ Sensogel Novus	2.00
	Helianthus Annuus (Sunflower) Seed Oil	3.00
	Cyclopentasiloxane	1.00
	Capric/Caprylic Triglyceride	2.00
	Stearic Acid	0.50
	Cetearyl Alcohol	0.75
	Glyceryl Monostearate	0.75
	Oleth-20	0.50
B	Water	77.05
	Disodium EDTA	0.05
C	Glycerine	12.0
	Snow Mushroom Extract (PhytoCare-HA CG 1M)	0.10
D	Preservative	0.20
	Fragrance	0.10

Specifications

- 🍎 Viscosity at 5 rpm: 98,800 cP
- 🍎 pH: 4.86
- 🍎 50°C oven: 1 month stable
- 🍎 Freeze-Thaw: Passed 3 cycles

Processing Method

1. Heat Phase A to 85 Celsius and make sure all Sensogel 200 is dispersed.
2. Mix Phase C until homogenous with a propeller (below 50 Celsius), then add it into phase B. Heat Phase BC to 85 Celsius to a homogenous solution.
3. Pour Phase A into Phase BC while mixing by a homogenizer at 75 - 85 Celsius, 4000 rpm. Continue mixing for 5 minutes.
4. Cool down to 50 Celsius, then add Phase D into the system.
5. Cool down to 30 Celsius, then adjust pH with 10 % citric acid solution (pH 4.4 ~5.4).

Note: For SC-F 022(N) , prototype with N is using Sensogel Novus, prototype without N is using Sensogel 200.

Create Possibilities

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