



Safe Snuggles Gentle Baby

Lotion

(SC-F 027N V.2)

A very mild, fragrance free baby lotion with a lighter, water-fresh texture than conventional lotions on the market. Fast absorbing with a refreshing, hydrating afterfeel, this lotion features the high end sensory profile. This formulation is also *Clean Beauty- friendly*.

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.

SENSOGEL NOVUS is a very powerful glycerin thickener which is used to great effect in this formula. Not only does it boost glycerin viscosity, from a soft flowable jelly to a structured gel, but also tamps down on the traditional stickiness associated with this raw material. The mixture of high- loaded glycerin and Sensogel Novus can create a cohesive self-leveling gel which does not adhere to the side of container, maximizing the use of your product to 100%.

Specifications

- 🍎 Viscosity at 5 rpm: 65,760 cP
- 🍎 pH: 5.3
- 🍎 50°C oven: 1 month stable
- 🍎 Freeze-Thaw: Passed 3 Cycles

Processing Method

1. Heat Phase A to 85 Celsius then mix until homogenous and Sensogel Novus is dispersed.
2. Mix Phase B and Phase C separately until homogenous. Then mix together until homogenous and heat to 85 Celsius.
3. On a dispersion blade, add Phase BC to Phase A at 85 Celsius, allow to mix for 10 minutes at 1000-1500 rpm.
4. Cool to 50 Celsius then add Phase D.
5. Cool to 30 Celsius then adjust pH with 10% citric acid (target pH 5.0 -5.5).

PHASE	INCI NAME (TRADE NAME)	USAGE (WT%)
A	Squalane	5.00
	Dimethicone	2.00
	Cocos Nucifera (Coconut) Oil	3.00
	Sorbitan Laurate	1.00
	Stearic Acid	0.50
	Glyceryl Stearate	1.50
	Cetearyl Alcohol	0.50
	Sensogel Novus	2.00
B	Glycerin	8.00
	Snow Mushroom Extract (PhytoCare-HA CG 1M)	0.10
C	Water	76.1
	Sodium Gluconate	0.10
D	Preservative	0.20
	Lavandula Angustifolia (Lavender) Flower/Leaf/Stem Extract (Hydroes-sentials Lavandula)	Q.S.

Note: For SC-BS 027(N) , prototype with N is using Sensogel Novus, prototype without N is using Sensogel 200.

Create Possibilities

EDITION: FEBRUARY 2020
REF #: BL 2007-1