

Gentle Glycerin Cream Cleanser with Shea Butter (CL-F 004N)

A unique rich and hydrating glycerin-based cream cleanser that combines the gentle cleansing of mild surfactants with the rich emolliency of jojoba oil and shea butter. The high glycerin content and the use of 10% oil allow for effective cleansing and high foam without leaving the skin feeling dry or tight.

Sensogel-Polyol-Elastomer (SPE) Technology allows for the creation of a thick and stable cleansing base capable of suspending oils, actives, physical exfoliators, etc. while requiring little to no water. Formulators can use this chassis to create a wide variety of stable cream cleansers by swapping out the emollients, the actives, or the surfactants for preferred ingredients.

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

Additionally, Sensogel 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: 90,000 cP
- 🍏 50°C oven: 1 month stable
- 🍏 Freeze-Thaw: Passed 3 Cycles

PHASE	INCI NAME (TRADE NAME)	USAGE (WT%)
A ₁	Sodium Cocoyl Isethionate (Hostapon SCI-85 P)	4.00
	Cocamidopropyl Betaine	12.0
A ₂	Sodium Methyl Cocoyl Taurate	8.00
	Aloe Vera Concentrate 10x	4.00
	Glycerin	57.0
B	Sensogel NOVUS	5.00
C	Shea Butter	5.00
	Jojoba Oil	5.00
D	Fragrance	Q.S.

Processing Method

1. Mix Phase A₁ with a dispersion blade for 2 minutes at 60C until well dispersed. Add Phase A₂ to Phase A₁ while mixing at RT (about 10 minutes).
2. When Phase A₁₊₂ is homogenous, add Phase B and mix at 1000-1500rpm until homogeneously thickened (about 15 minutes).
3. In a separate vessel, heat and mix Phase C until homogeneous. While mixing the main phase, slowly add Phase C into the main phase while increasing mixing speed to 1500-2000rpm. Continue mixing for 10 minutes.
4. Add Phase D and mix until homogenous.