## SKIN CARE IT'S ALL ABOUT VERSATILE

2 Cranberry Rd, Unit A4,
Parsippany, NJ, 07054
P: 862-210-8344
F: 862-210-8336
SC-B 0025 applechem

## Smoothie Body Butter

"Looks like butter, feels like a super fresh hydro-gel"

- > A shiny, super smooth and fresh butter that softens, smoothes and moistures your skin while maintaining a fresh sensory when applied.
- Less tacky after feel than current traditional body butters on the market.

In this formulation, Sensogel 200 provides:

- a surprisingly non-tacky moisturizing and "super-fresh" sensory
- a **reduced cost** option for traditional high-viscosity creams that uses more water instead of waxes, and still offers a lighter sensory which cannot be achieved in high-wax creams.
- a stronger thickening power than other thickeners on the market\*
- a worry-free transfer from lab to manufacture due to a **steady viscosity dose response**, which is both time saving and economical.

By increasing Sensogel 200, it's easy to make a spray  $(0.2\%^{0.7\%})$ , a lotion  $(0.8\%^{1\%})$ , a cream  $(^{1.1\%})$ , or butter  $(3\%^{4\%})$  to obtain a desirable sensory.

Sensogel 200: 3-in-1 stable and ready-to-use associative thickener that can work as an emulsifier, a stabilizer, and thickener for a wide range of **pH (2 – 12)** in O/W sunscreen preparation with a reduced amount of emulsifiers to provide light and **quick-absorbing** sensory and a range of **textures** from sprays and lotions, to creams and butters. Also able to **thicken** 99% **Glycerin** with 1% Sensogel 200, making a water-soluble, petroleum-like viscous paste with non-tacky sensory. Designed for skin care, sun care and hair conditioners.

OleoFlex EG 200: An elastomeric gel and a film former that helps build the consistency of the oil phase, especially the natural oils, with a micro-sponge structure. As a film-former, it forms a **flexible**, **natural oil-based film** on skin, hair and eyelashes. It seals the moisture, increases the water resistance and long wear, and gives a natural look to hair or eyelashes.

Phase	INCI Name, (Trade Name)	Wt%	
A	Water	58.05	
	Disodium EDTA	0.05	Process:
	Glycerine	4.00	
	Propylene Glycol	2.00	
В	OleoFlex EG 200	10.0	1. Heat Phase A to 85 C to a homogenous
	Cetearyl Alcohol	2.0	<ul> <li>solution.</li> <li>Heat Phase B to 85 C and make sure all SG is dispersed.</li> <li>Pour Phase B into Phase A while mixing by a homogenizer at 75-85C, 4000 rpm. Continue mixing for 10-15 minutes.</li> </ul>
	Stearic acid	1.50	
	Butyrospermum Parkii Shea Butter	2.50	
	Cocos nucifera (coconut) Oil	2.50	
	Helianthus Annuus (Sunflower) oil	1.00	
	Capric/Caprylic Triglyceride	6.00	
	Dimethicone oil		
		3.50	
	GMS/PEG-100 Stearate	2.50	4. Cool down to 50 C.
	Polysorbate-80	1.00	5. Add phase C. Then cool down to 30C.
	Sensogel 200	3.00	·
С	FDC Y5 dye (0.1% aqueous sol.)	Q.S.	6. Adjust pH to 5.0-5.8 if necessary.
	Preservative	0.20	
	Fragrance	0.20	
Feature	Viscosity (cP) @ 5 rpm	620,000	pH 5.17

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<sup>\*</sup>In comparison with (Hydroxyethyl Acrylate/ Sodium Acryloydimethyl Taurate Copolymer and Isohexadecane and Polysorbate 60).