

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.

*In comparison with (Hydroxyethyl Acrylate/ Sodium Acryloyldimethyl Taurate Copolymer and Isohexadecane and Polysorbate 60).

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	Process: 1. Heat Phase A to 85 C to a homogenous solution. 2. Heat Phase B to 85 C and make sure all SG is dispersed. 3. Pour Phase B into Phase A while mixing by a homogenizer at 75-85C, 4000 rpm. Continue mixing for 10-15 minutes. 4. Cool down to 50 C. 5. Add phase C. Then cool down to 30C. 6. Adjust pH to 5.0-5.8 if necessary.
	Disodium EDTA	0.05	
	Glycerine	4.00	
	Propylene Glycol	2.00	
B	OleoFlex EG 200	10.0	
	Cetearyl Alcohol	2.0	
	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	
	Polysorbate-80	1.00	
	Sensogel 200	3.00	
C	FDC Y5 dye (0.1% aqueous sol.)	Q.S.	
	Preservative	0.20	
	Fragrance	0.20	
Feature	Viscosity (cP) @ 5 rpm	620,000	pH 5.17