SHEA BODY BUTTER

LAMCOS 176

Phase	Inci name	Trade name	% w/w
A			
1	Aqua (Water)		To 100
2	Glycerin		2.0
3	Guar Hydroxypropyltrimonium Chloride	ESAFLOR® ZERO-X	0.3
B			
1	Butyrospermum Parkii (Shea) Butter		5.0
2	Octyl Stearate		2.0
3	Cera Alba		2.0
4	Cetearyl Alcohol		5.0
5	BHT		0.05
C			
1	Sodium Polyacryloyldimethyl Taurate, Hydrogenated Polydecene, Trideceth-10	VISCOLAM® AT 100 P	3.0
D			
1	Preservatives		q.s.
2	Parfum (Fragrance)		q.s.
3	Citric Acid, 10% soln.		To pH ~ 5.5

Manufacturing Procedure:
In the main vessel, add A2 into water. Add A3 under vigorous stirring; keep stirring for ~20' in order to ensure the complete hydration of the polymer. Heat phase A to 60°C. In a separate vessel, mix ingredients of phase B and heat to 60°C, until completely melted. Add phase B to phase A and cool down below 40°C under stirring. Add C1 and homogenize. Add ingredients of phase D under stirring, then adjust pH to ~5.5 with a citric acid solution.

General Characteristics:
Appearance: white emulsion
pH: ~ 5.5
Viscosity (Brookfield RVT+Helipath, 10 rpm, 25°C, 30''): ~ 45000 mPa*s

Main Features:
Body Butter with a rich touch paired with a fast absorption into skin.

ESAFLOR® ZERO-X is a crosslinker-free cationic derivative of natural guar gum. It is manufactured through ESAFLOR® ZERO-X technology, a sustainable process patented by Lamberti. ESAFLOR® ZERO-X provides dual benefits of conditioning and thickening: its cationic charge interacts with keratin, leaving skin nice and soft.

VISCOLAM® AT 100 P is a versatile and effective rheology modifier, emulsifier and emulsion stabiliser. It makes emulsions' formation easy and quick: it is supplied in a pre-neutralized, ready-to-use, liquid form and it is effective over a wide pH range. It is suitable for O/W lotions, creams and butters, as well as for gels with high solvent content. Emulsions are extremely light and fast-breaking, enabling a quick absorption into the skin.