

Sulfate-free Clear baby shampoo

Very mild shampoo, moisturising, foaming

SH.BB.3	Ingredients	INCI name	%
A	Water		58,9
	Aloe vera	Aloe barbadensis leaf juice powder	0,14
	Preservative	Potassium sorbate	0,5
	Anionic surfactant	Disodium cocoyl glutamate (40%)	8,0
	Amphoteric surfactant	Sodium cocoamphoacetate (40%)	5,8
B	APPYCLEAN 6886 <i>Foaming, wetting, thickening</i>	Coco Glucoside	18,7
	ESTY CARE 9868 <i>Moisturising, Emollient</i>	Glyceryl Citrate/Lactate/Linoleate/ Oleate (and) Glycerin	4,8
C	sodium chloride	sodium chloride	2,0
	Citric acid (20%)	Citric acid	1,1
	Parfum		Qs.

Physical properties

Appearance: Clear viscous liquid

pH=5,0-5,5

viscosity (Brookfield, spindle 63, speed 12) 1500-3000CPS

High foam 1%w/w in tap water: 450ml

Foam stability (20min.): 89%

Stability: 3 months 4, 20°C



Procedure

- Dissolve Aloe vera in water, add preservative.
- Add successively components of phase B while stirring
- Adjust pH to 5,5 with citric acid
- Add parfum
- Adjust viscosity with NaCl