

Shower gel

High foam, CAPB free



Procedure

- Dissolve preservative at 40°C in water, and add glycerin.
- Add successively components of phase B while stirring until getting a clear solution
- Add fragrance and adjust pH with citric acid
- Adjust viscosity with NaCl

GD.2	Ingredients	INCI name	%
A	Water		55,1
	Glycerin	Glycerin	1,0
	Preservative	Sodium benzoate	0,5
	SLES (28%)	Sodium Laureth Sulfate	30,0
B	APPYCLEAN 6886 <i>Foaming, wetting, thickening</i>	Coco Glucoside	8,0
	ESTYCARE 9820S <i>Moisturising, texturing & foam boosting</i>	Glyceryl Citrate Cross Polymer (and) Glycerin (and) Caprylyl/Capryl Wheat Bran/Straw Glycosides (and) Water (and) Sorbitol	2,0
C	sodium chloride	sodium chloride	2,3
	Citric acid (20%)	Citric acid	1,2
	Parfum		Qs.

Physical properties

Appearance: Clear viscous liquid

pH=5-6,0

viscosity (Brookfield, spindle 63, speed 12) 4000-5000CPS

High foam 1%w/w in tap water: 510ml

Foam stability (20min.): 88%

Stability: 3 months 4, 20, 45°C