



Foaming Floral Shampoo

ACTS22695

Ingredients: Water, Sodium C14-16 Olefin Sulfonate, Cocamidopropyl Betaine, Propanediol, PEG-150 Pentaerythrityl Tetrastearate, PEG-6 Caprylic/Capric Triglyceride, PPG-2 Hydroxyethyl Coco/Isostearamide, Fragrance, Hydroxypropyl Guar Hydroxypropyltrimonium Chloride

Phase	Ingredient	INCI name	Supplier	Function	Wt.%
A	Water	Agua		Solvent	40.8%
B	Zemea® propanediol	Propanediol	CovationBio PDO	Humectant	5.0%
B	N-Hance HPCG 100	Hydroxypropyl Guar Hydroxypropyltrimonium Chloride	Ashland	Polymer	0.2%
C	Colonial AOS-40	Sodium C14-16 Olefin Sulfonate	Colonial Chemical	Surfactant	30.0%
C	Chembetaine C	Cocamidopropyl Betaine	Lubrizol	Surfactant	15.0%
C	Promidium 2-LQ-(AP)	PPG-2 Hydroxyethyl Coco/Isostearamide	Croda	Surfactant	3.0%
D	Fragrance	Fragrance	Horizon Aromatics	Fragrance	2.0%
E	Crothix Liquid	PEG-150 Pentaerythrityl Tetrastearate (and) Agua (and) PEG-6 Caprylic/Capric Triglyceride	Croda	Thickener	4.0%
	Total				100.00%

Formula provided by: ACT Solutions Corp., Newark, Delaware, USA

Procedure

1. Premix B
2. Premix C
3. Add B to A with slow propeller stirring
4. Add C to A/B with slow propeller stirring
5. Add D
6. Add E until desired viscosity is reached

Distinctives

This ultra-mild formulation provides gentle cleansing, foaming with fine feel (thanks Zemea®), and fantastic flow.

Mixing Zemea® with the surfactants first before adding to water allows for faster production.