

Clean and Gentle Shampoo

Description: A mild "sulfate free" shampoo with a creamy texture that is gentle on your hair and scalp.

PHASE	%	INGREDIENT	*REF	INCI	FUNCTION
1	59.90	Deionized Water		Water	Aqueous Vehicle
1	3.00	Glycerin	1	Glycerin	Humectant
2	10.00	Carbopol® Aqua SF-1	9	Acrylates Copolymer	Rheology Modifier
3	10.00	Hamosyl L-30K		Water (and) Sodium Lauryl Sarcosinate	Surfactant
3	4.00	Metaupon® KMT 30		Sodium Methyl Cocoyl Taurate	Surfactant
3	6.00	Natriumisethionat Fest		Sodium Isethionate	Surfactant
3	3.00	Jojoba Aqua™ Bio 120	1	Jojoba Wax PEG-120 Esters	Conditioning Agent
4	1.00	Deionized Water		Water	Aqueous Vehicle
4	0.20	Sodium Chloride		Sodium Chloride	Thickener
5	1.00	Phenoxyethanol		Phenoxyethanol	Preservative
5	0.10	Sensiva® SC50		Ethylhexylglycerin	Preservative
6	1.80	Sodium Hydroxide 20% solution		Water (and) Sodium Hydroxide	Neutralizing Agent
	100.00%				

*Company Reference

- 1 Vantage Specialty Ingredients
- 9 Lubrizol

PROCEDURE:

1. Add Phase 1 to the main vessel and begin mixing with a propeller mixer until uniform.
2. Add Phase 2 ingredient and mix until fully dispersed.
3. Add Phase 3 ingredients, one at a time. Mix until uniform.
4. In a side beaker, mix Phase 4 ingredients until uniform.
5. Add Phase 4 premix to the main vessel and mix until uniform.
6. Add Phase 5 ingredients, one at a time.
7. Adjust pH with Phase 6 ingredient.

pH: 6.80

Notebook Reference: 13700-86-1

Stability: Stability is in progress



150 MOUNT BETHEL ROAD, BUILDING 2, SUITE 200, WARREN, NJ 07059

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