

Anti-dandruff dark sensation shampoo



Scalp care



Hair care

Free from harsh sulfates, this anti-dandruff shampoo offers a gentle yet effective cleanse suitable for all hair types. The formulation helps to protect against damage and maintain scalp health while providing deep hydration, making it ideal for daily use.



Aevum Vita 406: A mild, naturally derived, cold processable anionic surfactant that boosts the preservative system and shows very good antifungal activity against *Malassezia Furfur*, which has been shown to cause dandruff.

STEPAN-MILD® GCC/FL MB: A foam booster and thickener with conditioning effect.

BIO-TERGE® AS 40 HASB: An anionic surfactant that provides excellent viscosity, foam characteristics and mildness.

AMPHOSOL® DM/MB: A mild amphoteric surfactant that can be used as a primary or secondary surfactant for boosting foam, building viscosity, as well as an antistatic agent.

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Phase	Trade name	INCI	% W/W	Supplier	Function
A	Water	Aqua (Water)	58.392		Diluent
	Guar Hydroxypropyltrimonium Chloride	Guar Hydroxypropyltrimonium Chloride	0.20	On request	Conditioner
	Citric Acid*	Citric Acid	0.15	Brenntag	pH regulator
B	BIO-TERGE AS-40 HASB*	Sodium C14-C16 Olefin Sulfonate	26.00	Stepan	Surfactant
	AMPHOSOL DM*	Coco Betaine	6.00	Stepan	Surfactant
	CosVivet APG CG46 MB*	Coco-Glucoside	5.00	Brenntag	Surfactant
	Glycerin*	Glycerin	1.00	Brenntag	Humectant
	Aevum Vita 406*	Sodium Caproyl/Lauroyl Lactylate, Sodium Citrate	0.50	ISCA	Active
	STEPAN-MILD® L3-G/MB*	Lauryl Lactyl Lactate	1.00	Stepan	Thickener/Emollient
	STEPAN-MILD® GCC-FL/MB*	Glyceryl Caprylate/Caprinate, Glycerin, Propanediol	0.25	Stepan	Thickener
Aquaguard NK12*	Sodium Benzoate, Potassium Sorbate, Aqua	1.00	ISCA	Preservative	
C	Citric Acid*	Citric Acid	q.s.	Brenntag	pH regulator
D	Fragrance	Parfum (Fragrance)	0.50	On request	Fragrance
	Kenapure Black 2205*	CI 60730, CI 19140	0.008	Brenntag	Colorant

*Available from Brenntag

Procedure:

1. Sprinkle Guar Hydroxypropyltrimonium Chloride of phase A to the water while stirring. Once it is homogeneously dissolved, adjust the pH-value to 4.5 with Citric Acid.
2. Add the ingredients of phase B one after the other in the given order until mixed homogeneously.
3. Adjust the pH-value to 5.0 with Citric Acid from phase C.
4. Add phase D to ABC.
5. Adjust viscosity with Sodium Chloride if necessary.

Properties:

- Appearance: black viscous liquid
- Viscosity (Brookfield, RVT, M04, 10rpm) @23°C: 8350 cP
- pH = 5.0-5.5

Stability:

Stability over 3 months at 23°C, 40°C and 4°C is ongoing.

Natural Index (according to ISO 16128):

cNO: 87.72 %

Trends

- **Skinification:** treating the scalp like the facial skin by adapting skincare routines and ingredients
- **Wellbeing:** hair takes on a dazzling shiny look after washing, instantly promoting wellbeing
- **Sustainability:** high natural content, cold low energy production process

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