

Formulation

Milky Horizon Cleansing Foam

GM 3/15

Gentle oil-infused "milk top" cleanser. 2-in-1: a combination of caring and cleansing. Based on very mild surfactants and oils, enriched with a revitalizing amino acid derivative and Sea lettuce extract. Cleanses gently and removes make-up. Leaves the skin with a pleasant feel.

Phase	Ingredients	Manufacturer	Dose (% W/W)
A	TEGOSOFT® BC MB (Butylene Glycol Dicaprylate/Dicaprate)	Evonik	2.00
	Prunus Amygdalus Dulcis (Sweet Almond) Oil (Prunus Amygdalus Dulcis (Sweet Almond) Oil)	various	8.50
	RHEANCE® D50 (Glycolipids)	Evonik	3.50
	Protelan LS 9011 (Sodium Lauroyl Sarcosinate, 30%)	Zschimmer & Schwarz	2.50
	TEGO® Betain F 50 (Cocamidopropyl Betaine)	Evonik	3.50
A2	Water (Aqua)	various	3.50
	Keltrol CG-SFT (Xanthan Gum)	Tate & Lyle PLC	0.01
	Glycerin	various	1.20
A3	NaOH, 10% (Sodium Hydroxide)	various	0.10
B	TEGO® Betain 810 MB (Capryl/Capramidopropyl Betaine)	Evonik	15.00
	RHEANCE® D50 (Glycolipids)	Evonik	3.00
	p-00010124 Sea lettuce extract (Glycerin, Aqua, Ulva Lactuca Extract)	Evonik	1.00
	TEGO® Cosmo C 100 (Creatine)	Evonik	1.00
	Water (Aqua)	various	ad 100.00
	Sodium Chloride (Sodium Chloride)	various	0.50
	NaOH, 10% (Sodium Hydroxide)	various	0.18
	dermosoft® Pentiol eco (Pentylene Glycol)	Evonik	3.00

PROCESSING

Phase A2: Add xanthan gum into glycerin, then add water, mix well.

Add oil and surfactants (Phase A) to phase A2, stir well and homogenize by 8000 rpm for 1 min, adjust pH to 6 with phase A3.

Phase B: Add surfactants into water, then salt, adjust pH to 6.

Add Phase A into B, and add preservative, mix well.

REMARKS

in vitro mildness test result (RBC test): basically non- irritant (tested without oils)

Natural origin content: 81% (ISO 16128).

Shake well before use. Takes about 2 hours to separate again.

For usage in finger-pump foamer packs.

APPEARANCE

Upper phase: white emulsion, lower phase: transparent.

After shaking: milky turbid appearance.

VISCOSITY

liquid

PH VALUE

6

STABILITY TEST

In Process

MICROBIOLOGICAL SAFETY

Challenge test in progress

Disclaimer

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