



HYDRATION CREAM GEL 83602G

Formula

A	• LANOL™ 99 (<i>Isononyl isononanoate-SEPPIC</i>)	2.00%
	• SEPINOV™ EMT 10 (<i>Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer - SEPPIC</i>)	1.20%
	• Synthesized Squalane	2.00%
	• Dimethicone	1.00%
B	• Cyclomethicone	3.00%
	• Xanthan gum	0.20%
	• Carbomer	0.15%
	• Glycerine	6.00%
	• 1,3-Butylene Glycol	6.00%
	• Propylene Glycol	4.00%
	• Water	Qs to 100%
C	• EDTA-4Na	0.05%
	• Triethanolamine (20%)	0.72 %
D	• Alcohol	3.00 %
E	• Tocopheryl Acetate	0.10%
	• AQUAXYL™ (<i>Xylitylglucoside and Anhydroxylitol and Xylitol -SEPPIC</i>)	1.50%
	• β -Glucan	0.50%
	• Methylsilanol mannuronate	1.50%
	• Phenoxyethanol and Ethylhexylglycerin	0.90%
	• Fragrance	0.08%

Production Procedure (300G):

Disperse Xanthan Gum & Carbopol well in water and then heat phase B to 80 degree, heat phase A to 80 degree Introduce B to A in one step, homogenize for 4 minutes at 4000rpm. Add Part C with stirring 100rpm by anchor stirrer without water bath for about 15 minutes, adjust pH around 7. Cool down with water bath for 15 minutes. Add part D, E at below 45 degree and the speed of anchor stirrer keeps 100rpm. Stop stirring at about 30 degree.

Comments

SEPINOV™ EMT 10 Powder polymer « 2 in 1 » , thickening in a wide pH range (3-10) ,ready to use , with an Excellent emulsifying and stabilizing power at low level –Innovative chemical structure with a good compatibility with specific actives ingredients and supple texture easy to pick up.

AQUAXYL™ New "AQUACONCEPT " technology : thanks to an harmonization of the skin's hydrous flow, AQUAXYL™ moisturizes and restructures the skin ; Water reserves are instantly boosted and water loss is reduced (*in vitro* and *in vivo* proven efficacy) for a more supple and resilient skin !"

Characteristics



Appearance	translucent cream gel
pH	Around 7.2
Viscosity after 1 month at RT	58,000mPa.s BROOKFIELD LV4 6rpm
Viscosity after 1 month at 48°C	49,000mPa.s BROOKFIELD LV4 6rpm
Viscosity recovery at RT (after 1 month at 48°C)	57,600mPa.s BROOKFIELD LV4 6rpm
Stability	> M1 Stable at RT / 48°C/-18° C Stable after 1 month of freeze/thaw cycles -18 / +48°C

Notes

Dimethicone: DC200/100cst (DOW CORNING)
Cyclomethicone: DC345 (DOW CORNING)
Xanthan gum: Rhodicare T (Rhodia)
Carbomer: Carbopol Ultrez 21 (Noveon)
Alcohol: Superfine Alcohol (ANHUI ANTE BIOCHEMISTRY CO.,LTD)
Tocopheryl Acetate: dl- α -Tocopheryl Acetate (DSM)
 β -Glucan:SC-Glucan (Bioland)
Methylsilanol manuronate: ALGISIUM C(EXSYMOL)
Phenoxyethanol and Ethylhexylglycerin: Euxyl PE 9010 (S&M)
Fragrance: FRAG61303658 (DROM)

83602G – SEPPIC – 0715A

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