



AHA DERMOPROTECTIVE GEL FOR SENSITIVE SKINS 6735

Formula

A	• Aqua/Water	70.00 %
	• Carboxymethethyl cellulose	0.70 %
B	• Lactic acid	2.00 %
	• Sodium PCA (50%)	0.30 %
	• SEPICALM S (<i>Sodium cocoyl aminoacids & Sarcosine & Potassium aspartate & Magnesium aspartate - SEPPIC</i>)	0.50 %
C	• Isononyl isononanoate	3.00 %
	• Cyclomethicone	2.00 %
	• Glycereth-7 triacetate	2.00 %
	• MICROPEARL M305 (<i>Methylmethacrylate crosspolymer - SEPPIC</i>)	1.00 %
D	• SIMULGEL EG (<i>Sodium acrylate/acryloyldimethyltaurate copolymer and Isohexadecane and Polysorbate 80 - SEPPIC</i>)	5.00 %
E	• SEPICIDE HB (<i>Phenoxyethanol/Methylparaben/Ethylparaben /Propylparaben/Butyl paraben - SEPPIC</i>)	0.30 %
	• SEPICIDE CI (<i>Imidazolidinyl urea - SEPPIC</i>)	0.20 %
	• Fragrance	0.20 %
	• Aqua/Water	QS 100%
	• Sodium Hydroxyde (32%)	qs pH

Procedure

Disperse the CMC into the water using defloculating equipment. Then add the ingredients of B. Prepare phase C separately, then disperse the SIMULGEL EG into this phase. Then add [C+D] into [A+B]. Thoroughly homogenise this mixture until a smooth gel is obtained then add the ingredients of E. When the procedure is finished adjust the water content and the pH.



Comments

SEPICALM S	A lipoaminated, soothing active ingredient which is rich in minerals. It is specially adapted to meet the needs of sensitive skins and helps resist external aggressions of mechanical, chemical (AHA) and actinic origin.
MICROPEARL M305	A texture additive which gives a satin, powdery feel to the formula.
SEPICIDE HB/CI	A preservative system.
SIMULGEL EG	A thickening, emulsifying agent which comes in a liquid, easy to use form.

Characteristics

Appearance	Opaque gel
pH	Approximately 5
Viscosity	Approximately 50000 mPa.s BROOKFIELD LV S4 - 6 r.p.m.
Stability	Excellent a room temperature, 40°C and 50°C stable during freeze/thaw cycles (-10°C/+40°C / 1 month) stable after centrifuging (3000rpm - 50°C - 20')

Assessment

Tested on volunteers , 6735 exhibits an excellent skin tolerance (ref DERMSCAN 99116.3)

Notes

Fragrance: NINA X018.434 (QUEST)
Carboxymethylcellulose: BLANOSE 7H4XF (AQUALON)
Glycereth 7 triacetate: PELEMOL G7A (PHOENIX)
Cyclomethicone: DC345 (DOW CORNING)

6735 - SEPPIC - F9902

Since the proposed formulation has not undergone a toxicological study, the handling and use of the proposed products are given as an indication only and in no way bind SEPPIC's responsibility.