



SOOTHING SUNCARE WATER/SILICONE EMULSION – VIVO SPF 11 6835

Formula

A	▪ Cyclopentasiloxane & dimethicone copolyol	20.00 %
	▪ Cyclomethicone	10.00 %
	▪ SEPICALM VG (<i>Sodium palmitoyl proline and Nymphaea alba flower extract - SEPPIC</i>)	3.00 %
	▪ Titanium dioxide	5.00 %
	▪ Zinc oxide	5.00 %
	▪ SEPICIDE HB (<i>Phenoxyethanol/Methylparaben/Ethylparaben /Propylparaben /Butylparaben - SEPPIC</i>)	0.30 %
	▪ Fragrance	0.05 %
B	▪ Water	QSP 100%
	▪ SEPICIDE CI (<i>Imidazolidinyl urea - SEPPIC</i>)	0.20 %
	▪ Glycerin	5.00 %
	▪ Sodium chloride	2.00 %

Procedure

Introduce in the main tank the silicone oils and SEPICALM VG (melted if necessary). Gently disperse mineral sunscreens until wetted then add fragrance and preservative. Separately blend ingredients in B and slowly incorporate this phase B into A with moderate stir. When addition of B is finished, start the homogenizer (3000rpm for 15' / TRIMIX™ 6kg).

Comments

SEPICALM VG Lipo-amino soothing agent enriched with water lily blossom extract. Specially adapted to the needs of sensitive skin and sun-damaged skin, it effectively calms stressed skin and soothes skin that has been irritated by the use of some active ingredients.

Characteristics

Aspect	shiny white cream
Viscosity	>100,000 mPa.s BROOKFIELD LV4 6rpm
Stability	stable at room temperature/40/50 Stable after freeze-thaw cycles -5/+40°C



Stable when centrifuged at 50°C 20' 3000rpm

Assessment

Sun protection factor has been measured according to vitro method 57CO033 with screening of various ratio between mineral sunscreens.

200g lab trials	Ref ML10904	Ref ML10909	Ref ML10908
Zinc Oxyde	5	2	0
Titanium Dioxyde	5	8	8
SPF vitro(error)	19(2)	20 (2)	23 (4)
% UVB absorbed	95%	96%	97%
% UVA absorbed	83%	80%	81%
Ratio UVA/UVB	0.64	0.57	0.55

Vitro SPF stable over time (measured at month1/ 3 monthes) : $17 \pm 2 / 15 \pm 1$
(method SEPPIC 57CO033, vitro skin®, spectrophotometer LABSPHERE®)

Vivo SPF (measured at month1) : 11.2 ± 2
(5 volunteers - DERMSCAN)

Notes

Cyclopentasiloxane & dimethicone copolyol : DC5225C (DOW CORNING)

Cyclomethicone : DC345 (DOW CORNING)

Dioxyde de titane : MT100T (TAYCA)

Oxyde de zinc : Z COTE HP1 (SUNSMART)

Fragrance : APHRODIS X010.029 (QUEST)

6835 – SEPPIC – A0106

Since this formula has not been the object of a toxicological study, the use and handling of the products proposed is purely indicative and SEPPIC accepts no responsibility for their use by another party.