



Sun Lotion SPF30

ID Main Emulsifier / ME.018
pH-value 7.15
Viscosity 59.600 mPa.s Brookfield DV2T, Spindle 94, 5 rpm
Product form O/W

	Ingredient	INCI-name	% w/w	Supplier
1	Deionised Water	Aqua	50.50	several
	Glycerin	Glycerin	3.00	several
	Actigum VSX 20	Sclerotrium Gum, Xanthan Gum	0.60	Cargill
	Sensiva SC80	Propanediol, Caprylyl Glycol, Caprylhydroxamic Acid	1.50	Ashland
2	Sisterna SP70-C	Sucrose Stearate	3.00	Sisterna
	Sisterna SP30-C	Sucrose Distearate	3.00	Sisterna
	VS - Olive	Squalane	6.00	EFP Biotek
	Lipex Preact	Canola Oil	3.00	AAK
	Jojoba Oil	Simmondsia Chinensis (Jojoba) Seed Oil	6.00	several
	VASGel	Hydrogenated Ethylhexyl Oliviate, Hydrogenated Olive Oil Unsaponifiables, Hydrogenated Castor Oil, Sebacic Acid Copolymer	3.00	EFP Biotek
3	Xperse 102	Zinc Oxide, Caprylic Capric Triglyceride, Polyhydroxystearic Acid	20.00	Evercare
4	Tocomix L70-IP	Tocopherol	0.05	Jan Dekker
	Suncare 555828	Fragrance	0.35	Luzi

Production method

- Premix the Actigum VSX20 into the glycerin of (1).
- Add Sensiva SC80 to the water of (1).
- Disperse the premix of glycerin into (1) while homogenising during 20 minutes.
- Heat the water phase to 75°C.
- Weigh the ingredients of (2) and heat up to 75°C.
- Weigh the ingredients of (3) and add to the heated oil phase (2), homogenize during 3 min until good dispersion is obtained.
- Add (2+3) to (1) while homogenising continuously.
- Cool down to 40°C and add (4), homogenise shortly.
- Adjust pH if necessary.