

KOM16

ENGLISH

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Category formula	Sunscreen
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BODY SUN CREAM - SPF 30

INGREDIENTI/INGREDIENTS

	COMMERCIAL NAME	INCI NAME	%	SUPPLIERS
1	EUSOLEX OCR	OCTOCRYLENE	10	MERCK
2	OLIVE OIL	OLEA EUROPAEA OIL	0,9	KALICHEM ITALIA SRL
3	TOCOPHERYL ACETATE	TOCOPHERYL ACETATE	0,1	VARI/VARIOUS
4	EUSOLEX 9020	BUTYL METHOXYDIBENZOYLMETHANE	2	MERCK
5	MYRITOL 318	CAPRYLIC/CAPRIC TRIGLYCERIDE	6	COGNIS SPA
6	OLIVOIL EMULSIFIER	CETEARYL ALCOHOL, GLYCERYL OLEATE, GLYCERYL STEARATE, POTASSIUM OLIVOYL HYDROLYZED WHEAT PROTEIN	10	KALICHEM ITALIA SRL
7	DIMETHICONE 350	DIMETHICONE	0,2	VARI/VARIOUS
8	CETYL ALCOHOL	CETYL ALCOHOL	4	VARI/VARIOUS
9	WATER DEMIN./DEPUR.	AQUA	42,3	

10	EUSOLEX 232	PHENYLBENZIMIDAZOLE SULFONIC ACID	2	MERCK
11	SODIUM HYDROXIDE (SOL. 10%)	SODIUM HYDROXIDE, AQUA	3	VARI/VARIOUS
12	OLIVOIL PCA	POTASSIUM OLIVOYL PCA, AQUA	2	KALICHEM ITALIA SRL
13	APALIGHT (30% active substance)	HYDROXYAPATITE, AQUA	15	KALICHEM ITALIA SRL
14	OLIVOIL GLUTAMMATE	SODIUM OLIVOYL GLUTAMATE, AQUA	1,5	KALICHEM ITALIA SRL
15	Sepigel 305	LAURETH-7, POLYACRYLAMIDE, C13-14 ISOPARAFFIN	1	SEPPIC

METODO/METHOD

A	Prepare contemporaneously phases B and C.
B	Heat all of the ingredients from number 1 to 6 to a temperature of 72°C +/- 2°C Mixing;
C	Mix 7 and 8 until a limp, transparent solution is obtained. Heat to a temp. of 75°C +/- 2°C, continuing to mix and at a constant temp. until union with phase B.
D	Melt Eusolex 232 in water mixing and adding the Sodium Hydroxyde solution. Melt 6 and 9 adding it to the solution mixing until a limp, transparent solution is obtained. Heat to a temp. of 75°C +/- 2°C, continuing to mix and at a constant temp. until union with phase B.
E	When the indicated temp. for each of the two precedent phases has been reached (B at 72°C +/- 2°C and C at 75°C +/- 2°C), unite slowly (dribble) 1/3 of phase C to phase B, whilst stirring and Homogenise the product. Successivley, add the rest of phase C more quickly, continuing always to stir and Homogenise. After the union, continue to stirring and Homogenise for around 10 minutes.
F	Cool the product (continuing to stirring and Homogenise), until it arrives at a temp. of 40°C. Following this, Homogenise may be ceased, but stirring continued until it reaches room temperature.
G	Add 11, 12 and 13 to A, mixing until a limp, transparent solution is obtained.
H	Add APALIGHT stirring and homogenise until an homogeneous phase, presenting as a lucid, white emulsion
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J	Add the sepigel to the remnant stirring and homogenising until a white gel emulsion is reached