



*Kalichem
Italia s.r.l.*

OGTA51

ENGLISH

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Category formula	Emulsion Antiwrinkle Moisturising Antiage
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ANTIAGE CREAM WITH APALIGHT

INGREDIENTI/INGREDIENTS

COMMERCIAL NAME	INCI NAME	%	SUPPLIERS
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1	ETHYLHEXYL PALMITATE	ETHYLHEXYL PALMITATE	7	VARI/VARIOUS
2	OLIVOIL EMULSIFIER	CETEARYL ALCOHOL, GLYCERYL OLEATE, GLYCERYL STEARATE, POTASSIUM OLIVOYL HYDROLYZED WHEAT PROTEIN	8	KALICHEM ITALIA SRL
3	ISOPROPYL MYRISTATE	ISOPROPYL MYRISTATE	6	VARI/VARIOUS
4	CETYL ALCOHOL	CETYL ALCOHOL	4	VARI/VARIOUS
5	DIMETHICONE 350	DIMETHICONE	1	VARI/VARIOUS

6	WATER DEMIN./DEPUR.	AQUA	47	
7	GLYCERIN	GLYCERIN	3	VARI/VARIOUS
8	KEMIDERM NMF VEGETALE	AQUA, UREA, GLUCOSE, SODIUM PCA, SORBITOL, FRUCTOSE, HYDROLYZED WHEAT PROTEIN, SODIUM GLUTAMATE, GLYCINE, LYSINE, MALIC ACID, TARTARIC ACID, CITRIC ACID, GLYCOLIC ACID, LACTIC ACID	4	KALICHEM ITALIA SRL
9	APALIGHT (30% active substance)	HYDROXYAPATITE, AQUA	20	KALICHEM ITALIA SRL

METODO/METHOD

A	Prepare contemporaneously phases B and C.
B	Heat all of the ingredients from number 1 to 5 to a temperature of 72°C +/- 2°C Mixing;
C	Mix 6, 7 and 8 until a limp, transparent solution is obtained. Heat to a temp. of 75° +/- 2°C, continuing to mix and at a constant temp. until union with phase B.
D	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. Successively, 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.
E	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.
F	Add APALIGHT stirring and homogenise until an homogeneous phase, presenting as a lucid, white emulsion
G	Add parfum preservative and lactic acid as required until reaching a ph of 6 - 6,5. Brookfield viscosity: S6 12g/min 35.000 - 40.000 cps