

Category formula

Emulsion Cream-gel

AFTERSHAVE BALM

INGREDIENTI/INGREDIENTS

NOME COMMERCIALE	NOME INCI	%	PRODUTTORI
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1	OLIVOIL AVENATE EMULSIFIER	POTASSIUM OLIVOYL HYDROLYZED OAT PROTEIN, CETEARYL ALCOHOL, GLYCERYL OLEATE, GLYCERYL STEARATE, AQUA	5	KALICHEM ITALIA SRL
2	Cetiol OE	DICAPRYLYL ETHER	1,8	COGNIS SPA
3	CRODAMOL DOA	DIETHYLHEXIL ADIPATE	1,8	CRODA
4	CETIOL B	DIBUTYL ADIPATE	0,9	COGNIS SPA
5	TOCOPHERYL ACETATE	TOCOPHERYL ACETATE	0,1	VARI/VARIOUS
6	WATER DEMIN./DEPUR.	AQUA	20	VARI/VARIOUS
7	GOMMA XANTAN	XANTHAM GUM	0,2	VARI/VARIOUS
8	WATER DEMIN./DEPUR.	AQUA	51,59	VARI/VARIOUS
9	NATRLQUEST E 30	TRISODIUM ETHYLENDIAMINE DISOCCINATE, AQUA	0,25	INNOSPEC ACTIVE CHEMICALS
10	INOSITOL	INOSITOL	0,2	VARI/VARIOUS
11	NATURAL EXTRACT AP	BETAINE	0,9	FINNFEEDS FINLAND
12	ALLANTOINA	ALLANTOIN	0,1	VARI/VARIOUS
13	KEMIDERM MICROSOMIC KMF	AQUA, UREA, ETHYLHEXYL PALMITATE, GLUCOSE, SODIUM PCA, POTASSIUM LAUROYL WHEAT AMINO ACIDS, SORBITOL, FRUCTOSE, HYDROLYZED WHEAT PROTEIN, PHOSPHOLIPIDS, SODIUM GLUTAMATE, GLYCINE, LYSINE, MALIC ACID, TARTARIC ACID, CITRIC ACID, GLYCOLIC ACID, LACTIC ACID	1	KALICHEM ITALIA SRL
14	CARBOPOL ULTREZ 10	CARBOMER	0,36	NOVEON
15	SODIUM HYDROXIDE (10% SOLUTION)	SODIUM HYDROXIDE, AQUA	0,9	VARI/VARIOUS
16	STIMUCAP	SODIUM DNA, AQUA, POTASSIUM GLUTATHIONE ISOMERIZED LINOLEATE	0,3	KALICHEM ITALIA SRL
17	APALIGHT	HYDROXYAPATITE, AQUA	2	KALICHEM ITALIA SRL
18	GLYCERIN	GLYCERIN	2	VARI/VARIOUS
19	KEMIPALM	PALMITOYL GLYCINE, AQUA	0,5	KALICHEM ITALIA SRL
20	ALCOHOL DENAT.	ALCOHOL DENAT.	10	VARI/VARIOUS

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; maintain this temperature until all of the solids are completely dissolved and perfectly homogeneous.
C	Warm up 6 to a temperature of 75° +/- 2° blending continuously: keep this temperature until the amalgamation with the fat phase is done
D	Disperse homogeneously xanthan gum in water (C Phase) blending and turbo mixing the product until a homogenous fluid gel is obtained
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), combine slowly (dribble) phase C to phase B, whilst stirring and homogenising the product. After the union, continue to stir and homogenise for about 10 minutes.
F	Add G blending and turbo mixing continuously.
G	Disperse homogeneously in the following order 9, 10, 11, 12, 13 in 8, blend continuously after each addition, until a homogenous solution is obtained
H	Add 14 to phase G blending until a homogenous, fluid and transparent gel is obtained
I	Cool the product (continuing to stir and homogenise), down to a temp. of 40°C. Following this, homogenising may be ceased, but stirring has to continue until the mix reaches room temperature.
J	Add the ingredients in the following order, blending and turbo mixing continuously
K	Add Glycerin to Apalight blending continuously
L	Add the ingredients in the following order, blending and turbo mixing continuously
M	Add parfum, preservative and lactic acid as required until reaching a pH of 6 - 6,5.
N	Final specifications: white gel-cream