

Men's Day Cream

Phase	Ingredient	INCI designation	%w/w	Supplier
A	Water	Aqua	74.80	-
A	Sucrathix VX	Microcrystalline Cellulose, Cellulose Gum, Xanthan Gum	1.50	Alchemy
A	Organic Glycerine	Glycerin	3.00	-
B	Sucramulse 163	Glyceryl Stearate, Cetyl Alcohol, Sucrose Stearate, Sucrose Tristearate	6.00	Alchemy
B	Dimethisil DM 350	Dimethicone	4.00	Chemsil
B	Abyssinian Oil	Brassica Abyssinica Oil	1.00	Elementis
B	DPPG	Propylene Glycol Dipelargonate	4.00	Gattefossé
B	Labrafac CC	Caprylic/Capric Triglycerides	3.00	Gattefossé
C	Olivine	Water, Olivine Extract	1.50	Gattefossé
C	Gatuline RC BIO	Water, Fagus Sylvatica Bud Extract	2.00	Gattefossé
D	Euxyl K700	Phenoxyethanol, Benzyl Alcohol, Potassium Sorbate	0.80	Schülke & Mayr
D	Fragrance / Essential Oils	Fragrance / Essential Oils	0.40	-

DESCRIPTION:

Light white cream.

MANUFACTURING PROCESS:

Disperse the Sucrathix in the glycerine and add to water. Heat to 75C and then homogenise until completed hydrated.

Heat phase B to 75° C

Add phase B to Phase A under a homogeniser at 75° C for 10 minutes.

Move to a propeller stirrer and continue mixing until it has cooled to 30° C

Add phase C followed by Phase D and homogenise for another 5 minutes

Cool to room temperature using a stirrer.

STABILITY TESTS:

On Stability at 45°C

pH: 6.9

Viscosity (spindle 6, speed 50rpm): 2300cps