

Ageless Hand Cream

Ref: PS1-303

Lightocean is a brown alga which has anti-aging properties. The appearance of one's hands can reveal the sure signs of ageing. This marine solution against skin pigmentation targets and prevents age spots. In a rich hand cream, **Lightocean** allows rough, dry skin to have a youthful appearance and permits mature hands to appear ageless.

INCI	Trade Name	Supplier	% W/W
Phase A			
D.I.Water	D.I.Water		Q.S.
Disodium EDTA	Protachem Na-2-P	Protameen	0.10
Glycerin	Glycerin 99.5%	Protameen	5.00
Propylene Glycol	Propylene Glycol		1.00
Carbomer	Carbopol Ultrez 10	Noveon	0.50
Phase B			
Stearyl Alcohol	Lipocol S	Lipo	2.00
Lanolin	Lanolin, USP	Rita	0.10
Cyclopentasiloxane and Cyclohexasiloxane	Dow Corning 345 Fluid	Dow Corning	1.00
Dimethicone	Dow Corning 200 Fluid	Dow Corning	1.00
Steareth-2	Brij S2-SO-(AP)	Croda	1.00
Isopropyl Palmitate	Botanester IPP	Botanigenics	1.00
Butyrospermum Parkii	IS Shea	ICSC	5.00
Glyceryl Stearate	Botanimulse GMS	Botanigenics	2.00
PEG-100 Stearate	Botanimulse 100-S	Botanigenics	1.00
C12-13 Pareth-3	Cosmacol AE-3	Sasol Italy	2.00
Phase C			
Methyl Paraben, Ethyl Paraben, N-Butyl Paraben, Propyl Paraben, Isobutyl Paraben, Phenoxyethanol	Phenonip	Clariant	1.00
TEA	TEA 99%	JEEN	0.45
Halidrys Siliquosa Extract	Lightocean	Biosil	1.00
Fragrance	Cucumber Green Tea S10-50241	Premier	0.10

Procedure: Add water to the main beaker. Dissolve Disodium EDTA, Glycerin and Propylene Glycol with mixing. Stop mixing. Add Carbopol Ultrez 10 into the water phase without mixing and let the gum to get totally wet. Start mixing and heat to 65-70°C. Mix until no lumps are present. Combine ingredients of Phase B together. Mix and heat to 60-70°C. Add Phase B into Phase A with mixing. Stop heating. Cool batch to 40°C. Add ingredients of Phase C one by one with mixing.

Parameters: pH 5.69, Viscosity 163400 CPS S# 6/5 RPM

Stability: Acceptable 8 weeks stability at 4°C, RT 45°C, and 3 F/T cycles

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