

Delicate Skin Relief

Ref: PS3-29

Ocea Defence is an active prepared from the brown macroalga, Laminaria Ochroleuca, which improves the comfort of fragile & vulnerable skin in this nourishing face cream. **Lightocean G40-EL**, a unique alga, prevents the appearance of age spots and targets dry, mature skin. **Biosil EFA** provides the skin with essential fatty acids which the body needs but cannot synthesize.

INCI	Trade Name	Supplier	% W/W
Phase A			
D.I Water	D.I. Water		Q.S
Hydroxyethylcellulose	Natrasol 250 HHR CS	Hercules	0.350
Glycerin	Glycerin 99.5%	Protameen	3.000
Disodium EDTA	Protachem NA-2-P	Protameen	0.100
Phase B			
Glyceryl Stearate & PEG-100 Stearate	Lipomulse 165	LIPO	2.500
Polyglyceryl-6 Isostearate	Plurol Isostearique	Gattefosse	0.750
Cetyl Alcohol	Cetyl Alcohol NF	Protameen	1.250
Butyrospermum Parkii	Shea Butter	ICSC	2.000
Octyldodecyl Ricinoleate	Ultracas G-20 Guerbet Ester	Lubrizol	2.000
Linoleic Acid (and) Linolenic Acid (and) Tocopherol	Biosil EFA	Biosil	1.000
Caprylic/Capric Triglyceride	Botanester GC	Botanigenics	5.000
C12-15 Alkyl Benzoate	HEST 25B	Global Seven	5.000
Cyclopentasiloxane and Cyclohexasiloxane	Dow corning 345 Fluid	Dow Corning	2.000
Phase C			
Methyl Paraben, Ethyl Paraben, N-Butyl Paraben, Propyl Paraben, Isobutyl Paraben, Phenoxyethanol	Phenonip	Clariant	1.000
Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer, Isohexadecane, Polysorbate 80	Simulgel EG	Seppic	2.000
Phase D			
Glycerin (and) water (and) Halidrys Siliquosa Extract	Lightocean G40	Biosil	1.000
Caprylic/Capric Triglycerides, Laminaria Ochroleuca Extract, Tocopherol Mixed	Ocea Defence	Biosil	2.000
Blue #1	0.1% solution		0.110
Fragrance	Lily of Valley S9-45640	Premier	0.400
Tris(tetramethylhydroxypiperidinol) citrate	Tinogard Q	Ciba	0.050

Procedure: Add water to the main beaker. Premix Natrasol with Glycerin and add it to the water with mixing. Heat to 60°C and mix until it is clear. Add Disodium EDTA with mixing. Combine ingredients of Phase B together. Mix and heat to 60-70°C until it is clear. 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. Add ingredients of Phase D one by one with mixing.

Parameters: pH 5.85. Viscosity 80000 CPS S#6 @ 5RPM

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

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