

Deep Marine Moisturizing Lotion

Ref: PS1-295

Biosil Basics I-90 builds this water in oil formula into a rich luxurious lotion which targets moisturization and protection of the epidermal barrier. **Algomega NP** provides a synergistic combination of two algae rich in omega-3 fatty acids with silybum marianum seed oil which is rich in omega-6 fatty acids. This marine derived active is great for sensitive skin and can be used for full body hydration.

INCI	Trade Name	Supplier	% W/W
Phase A			
Cetyl PEG/PPG-10/1 Dimethicone	Biosil Basics I-90	Biosil	2.50
Jojoba Oil	Floraesters	Floratech	8.00
Decyl Oleate	Dermol DO	ALZO	10.00
Isopropyl Isostearate	Dermol IPIS	ALZO	5.00
Castor Oil	Castor Oil USP	WHC	1.00
Ceresin	Botaniwax CE-112	Botanigenix	1.50
Phase B			
D.I. Water	D.I. Water		Q.S.
Glycerin	Glycerin 99.5%	JEEN	2.00
Sodium Chloride	Sodium Chloride	PCI	0.40
Phase C			
Algae Extract (and) Silybum Marianum Seed Oil	Algomega NP	Biosil	5.00
Methyl Paraben, Ethyl Paraben, N-Butyl Paraben, Propyl Paraben, Isobutyl Paraben, Phenoxyethanol	Phenonip	Clariant	1.00
Fragrance	Purifying Scent S8-41312	Premier	0.50

Procedure: Combine and mix ingredients of Phase B together (no heat required). Combine ingredients of Phase A together. Heat to 75°C and mix until uniform. Add Phase B to Phase A very slowly under mixing and cool it down until 30-35°C. Add Phase C with mixing. Homogenize until desired viscosity is reached (5 min @ 4000RPM).

Parameters: Viscosity 7800 CPS S#5 @ 10RPM

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