

W/O Emulsion Lotion Base with Biosil Basics I-90

Ref: PS1-39

Biosil Basics I-90 imparts a luxurious feel to this W/O emulsion. This lotion is an extraordinary base formulation to which various active ingredients can be added for enhanced moisturizing, anti-aging, slimming or other concepts which will compliment your product line.

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		68.60
Glycerin	Glycerin 99.5%	JEEN	2.00
Sodium Chloride	Sodium Chloride	PCI	0.40
Phase C			
Methyl Paraben, Ethyl Paraben, N-Butyl Paraben, Propyl Paraben, Isobutyl Paraben, Phenoxyethanol	Phenonip	Clariant	1.00

Procedure: Mix ingredients of Phase B together (no heat required). Combine ingredients of Phase A together. Heat to 75°C and mix until it is 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 27200 CPS S#6 @ 5RPM

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