

Anti-Pollution Day Cream
 Ref: PS3-135

Biosil Basics I-90 imparts a luxurious feel to this W/O emulsion. **Kimarine** protects the skin from daily stress to include sub exposure, cigarette smoke and exhaust fumes. **Accorbosilane SP** provides anti-radical activity, firming, and skin tone radiance. **Biosil EFA** provides the skin with essential fatty acids creating ageless effects for the skin.

INCI	Trade Name	Supplier	% W/W
Phase A			
Cetyl PEG/PPG-10/1 Dimethicone	Biosil Basics I-90	Biosil	2.50
Simmondsia Chinensis (Jojoba) Seed Oil	Golden Jojoba Oil	Pursell Jojoba	8.00
Decyl Oleate	Dermol DO	ALZO	10.00
Isopropyl Isostearate	Dermol IPIS	ALZO	5.00
Castor Oil	Lipovol CO	Vantage	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			
Phenoxyethanol, Ethylhexylglycerin	Euxyl PE 9010	Schulke	1.00
Undaria pinnatifida extract	Kimarine	Biosil	5.00
Ascorbyl Methylsilanol Pectinate (and) Methylpropanediol	Ascorbosilane SP	Biosil	3.00
Linoleic Acid (and) Linolenic Acid (and) Tocopherol	Biosil EFA	Biosil	1.00
Fragrance	Pink Petals S8-41309	Premier	0.50

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 9240 CPS S # 5 @ 10 RPM

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

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