

### **Intensive Recovery Serum**

Ref: PS1-293

**Epidermosil** is a silanol with Hyaluronic Acid which stimulates cell renewal. **Algisium C** provides multi-functional benefits; namely moisturization, wrinkle reduction, collagen production and anti-glycation. Skin regeneration and protection are intense advantages for skin's recovery. **Biowax Liquid 754** is a water soluble silicone which enhances the feel of this serum while maintaining its crystal clear character.

INCI	Trade Name	Supplier	% W/W
<b>Phase A</b>			
D.I. Water	D.I. Water		Q.S
Disodium EDTA	Protachem NA-2P	Protameen	0.10
Carbomer	Carbopol Ultrez 10	Noveon	0.40
<b>Phase B</b>			
Glycerin	Glycerin 99.5%	Protameen	3.00
Butylene Glycol	Butylene Glycol	UPI	3.00
<b>PEG-8 Dimethicone</b>	<b>Biowax Liquid 754</b>	<b>Biosil</b>	<b>5.00</b>
<b>Hyaluronic Acid (and) Silanetriol (and) Water (and) Butylene Glycol</b>	<b>Epidermosil</b>	<b>Biosil</b>	<b>10.00</b>
<b>Methylsilanol Mannuronate</b>	<b>Algisium C</b>	<b>Biosil</b>	<b>5.00</b>
TEA	TEA 99%	JEEN	0.40
Propylene Glycol, Diazolidinyl Urea, Methylparaben, Propylparaben	Germaben II-E	ISP	0.30
<b>Phase C</b>			
Fragrance	Night Flower S9-46483	Premier	0.20
PPG 26 Buteth 26 (and) PEG 40 Hydrogenated Castor Oil (and) Water	Solubilisant LRI	LCW	1.00

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

**Parameters:** pH 5.68, Viscosity: 6600 CPS S#5 @ 10RPM

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

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