

## **All You Need Day Cream**

Ref: PS1-85

This light cream is a long lasting moisturizing day cream. **Algisium C** provides multi-functional benefits to improve skin such as moisturizing, anti-wrinkle, collagen production, and anti-glycation. **Alistin** provides protection from the environment.

INCI	Trade Name	Supplier	% W/W
<b>Phase A</b>			
D.I. Water	D.I. Water		75.43
Disodium EDTA	Protachem NA-2-P	Protameen	0.10
Glycerin	Glycerin 99.5%	Protameen	4.00
Xanthan Gum	Keltrol CG	CPKelco	0.30
Propylene Glycol	Propylene Glycol		3.00
<b>Phase B</b>			
Glyceryl Monostearate	Jeechem GMS-450	JEEN	0.75
Polyglyceryl-6 Isostearate	Plurol Isostearique	Gattefosse	0.40
PEG-100 Stearate	Protamate 4400-DPS	Protameen	0.40
Cetearyl Alcohol	Lipocol SC	Lipo	0.40
Cetyl Alcohol	Cetyl Alcohol NF	Protameen	0.40
Polysorbate 80	Tween 80	Uniqema	0.40
Squalane	ABC Amaranthus Squalane	Active Concepts	2.00
Cyclopentasiloxane and Cyclohexasiloxane	Dow Corning 345 Fluid	Dow Corning	2.00
Dimethicone	Dow Corning 200 Fluid 50 cst.	Dow Corning	2.00
<b>Phase C</b>			
<b>Methylsilanol Mannuronate</b>	<b>Algisium C</b>	<b>Biosil</b>	<b>5.00</b>
<b>Decarboxy Carnosine HCL</b>	<b>Alistin</b>	<b>Biosil</b>	<b>0.30</b>
Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer, Isohexadecane, Polysorbate 80	Simulgel EG	Seppic	2.00
Methyl Paraben, Ethyl Paraben, N-Butyl Paraben, Propyl Paraben, Isobutyl Paraben, Phenoxyethanol.	Phenonip	Clariant	1.00
Fragrance	Purifying Scent S8-41312	Premier	0.06
FD&C Red # 40	FD&C Red #40@0.5%	LCW	0.01
D&C Yellow #6	D&C Yellow #6 @1%	LCW	0.05

**Procedure:** Add water to the main beaker. Premix Xanthan Gum with Glycerin and Propylene Glycol; add it to the water with mixing. Heat to 70°C and mix until no lumps. 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.

**Parameters:** pH 6.2, Viscosity 23,000 CPS

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

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