

SPF 15 Daily Wear Lotion

UV-1020



Designed for daily use year-round, this light-weight, non-greasy formula provides protection against damaging sun exposure and premature aging.

LexFeel® 7

Dry and velvety ester with ultra-dry initial feel and subtle after feel for solubilizing UV filters and reducing tackiness.

Phase	Trade Name	Ingredient (INCI)	(w/w)%	
A.	Deionized Water		69.55	
	Carbopol ETD2020 ²	Acrylates/C10-30 Alkyl Acrylate Cross-Polymer	0.10	
	Disodium EDTA		0.10	
	Spectrastat™¹	Caprylhydroxamic Acid (and) Caprylyl Glycol (and) Glycerin	0.80	
B.	Montanov 202 ³	Arachidyl Alcohol (and) Behenyl Alcohol (and) Arachidyl Glucoside	4.00	
	Lexemul 561 ¹	Glyceryl Stearate (and) PEG-100 Stearate	0.75	
	NeoHeliopan OS ⁴	Octisalate	2.00	
	Uvinul MC 80 ⁵	Octinoxate	7.50	
	NeoHeliopan 357 ⁴	Avobenzene	3.00	
	LexFeel® 7¹	Neopentyl Glycol Diheptanoate	12.00	
C.	NaOH, 10%		0.32	
¹ INOLEX ² Noveon ³ Seppic ⁴ Symrise ⁵ BASF			Total	100.00

PROCEDURE:

1. Disperse carbomer in water with moderate propeller mixing.
2. Add the rest of phase A and heat to 75°C.
3. Combine phase B ingredients and heat to 75°C.
4. Add phase B to phase A and mix until uniform.
5. Homogenize @ 3500 rpm for 5 minutes.
6. Add phase C and continue mixing to room temperature.

PROPERTIES:

pH @ 25°C = 6.50

Viscosity @ 25°C (Brookfield RVT; Spindle T-C @ 10 rpm) = 30,000 cps

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