



SUN#CITY#SPF30 — CPF 4303
Water-in-Oil Sun Cream

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Water-in-Oil Sun Cream

Phase	Trade name / Supplier	INCI name	Wt %
A	DOWSIL™ ES-5600 Silicone Glycerol Emulsifier / Dow	Diglyceryl Tris (Trimethylsiloxy) Silyethyl Dimethicone	5.00
	Arlamol HD / Croda	Isohexadecane	1.00
	DOWSIL™ EL-9241 DM Silicone Elastomer Blend / Dow	Dimethicone (and) Dimethicone Crosspolymer	3.00
	Crodamol AB / Croda	C12-15 Alkyl Benzoate	3.00
		Zinc Oxide (and) Triethoxycaprylsilane	15.00
B	DOWSIL™ ES-5600 Silicone Glycerol Emulsifier / Dow	Diglyceryl Tris (Trimethylsiloxy) Silyethyl Dimethicone	1.50
	DOWSIL™ FZ-3196 Fluid / Dow	Caprylyl Methicone	7.50
	SunSpheres™ BIO SPF Booster / Dow	Microcrystalline Cellulose	2.00
	A40-TiO ₂ -DS7 / Kobo	Titanium Dioxide (and) Alumina (and) Dimethicone	6.00
C	Glycerin	Glycerin	5.00
	Water	Water	50.00
	Euxyl PE 9010 / Schulke	Phenoxyethanol (and) Ethylhexylglycerin	1.00

Processing instructions:

1. Mix phase A ingredients in order.
2. Mix phase B ingredients in order and add to phase A under agitation (700 rpm).
3. Premix phase C ingredients and add to phase AB under agitation (700 rpm).
4. Mix for 5 min at 2000 rpm.
5. Add TEA to adjust pH to 7.3 if needed.
6. Pass to high shear if needed.

Appearance: White cream

Disclaimer: Contained in this package is a sample prepared as per the formulation described on this card. Any variation in the formulation/procedure may cause performance to change.

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