



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

SUN#CITY#SPF30 – CPF 4303

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) Triethoxycaprylylsilane	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.

Image: AdobeStock_305948526

NOTICE: No freedom from infringement of any patent owned by Dow or others is to be inferred. Because use conditions and applicable laws may differ from one location to another and may change with time, Customer is responsible for determining whether products and the information in this document are appropriate for Customer's use and for ensuring that Customer's workplace and disposal practices are in compliance with applicable laws and other government enactments. The product shown in this literature may not be available for sale and/or available in all geographies where Dow is represented. The claims made may not have been approved for use in all countries. Dow assumes no obligation or liability for the information in this document. References to "Dow" or the "Company" mean the Dow legal entity selling the products to Customer unless otherwise expressly noted. NO WARRANTIES ARE GIVEN; ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY EXCLUDED.

®™ Trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow

© 2020 The Dow Chemical Company. All rights reserved.

2000004302

Form No. 27-2736-01-0720 S2D