



**Energize Your Day
Sport Sunscreen
(CPF 4565)**

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Water-in-oil sunscreen with zinc oxide UV filters and SPF 44 (in vivo)

Phase	Trade name / Supplier	INCI name	% Wt.
A	Water	Water	46.30
	Glycerin	Glycerin	5.00
	SunSpheres™ BIO SPF Booster / Dow	Microcrystalline Cellulose	2.00
	Neolone PH 100 / DuPont	Phenoxyethanol	0.90
B	ZNO-660SS-11S5 / Kobo	Zinc oxide (and) Triethoxycaprylylsilane	20.00
	DOWSIL™ ES-5700 Formulation Aid / Dow	Cetyl Diglyceryl Tris(trimethylsiloxy)silylethyl Dimethicone	1.55
	XIAMETER™ PMX-200 Silicone Fluid 2 cSt / Dow	Dimethicone	9.25
C	DOWSIL™ FZ-3196 Fluid / Dow	Caprylyl Methicone	5.00
	DOWSIL™ PMX-1504 Fluid / Dow	C11-13 Isoparaffin (and) Isohexadecane (and) Dimethiconol	5.00
	DOWSIL™ ES-5600 Silicone Glycerol Emulsifier / Dow	Cetyl Diglyceryl Tris(trimethylsiloxy)silylethyl Dimethicone	5.00

Processing instructions:

1. Heat Phase A ingredients to 40°C and mix.
2. Mix Phase B ingredients.
3. Mix Phase C ingredients.
4. Add Phase B to Phase C while mixing.
5. Slowly add Phase A to Phase BC while mixing. Gradually increasing mixing speed as Phase A is added.
6. Shear on homogenizer.

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

Product Characteristics: Appearance: White; Viscosity (cPs): 526000 (Measured on parallel plate rheometer at 0.1s⁻¹)

Benefits: Zinc oxide sunscreen, non-whitening, lubricious feel

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Images: AdobeStock_174009081, AdobeStock_120999896

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Form No. 27-3371-01-0522 S2D