



Explore

Sun Cream

The Essentials

UnivarSolutions



Get ready to explore, you have found your essential sunscreen! Composed of mineral and organic UV filters, this W/O emulsion will keep your skin protected in all situations, from beautiful beaches to your tiny balcony! The combination between silicone fluids and elastomer provides softness and slipperiness to this formula for a sensory experience with #nocompromise.

DOWSIL™ ES-5600 Silicone Glycerol Emulsifier

Low viscosity cold-process W/Si and W/O silicone emulsifier. Excellent particle stabilizing properties and pleasant sensory benefits.

DOWSIL™ EL-9081 Silicone Elastomer Blend

High clarity and low odor mixture of high molecular weight silicone elastomer and a volatile silicone fluid. Acts as sensory and texture enhancer with smooth feel without balling effect when rubbed on the skin.

DOWSIL™ VM-2270 Aerogel Fine Particles

Hydrophobic silica with superior oil and sebum absorption properties thanks to its huge specific surface 600m²/g. Imparts a nice sensory profile and improves stability.

DOWSIL™ FZ-3196 Fluid

Moderate volatility silicone fluid, which allows a good spreadability upon application. Improves compatibility with organic UV filters.

TRADE NAME	INCI NAME	FUNCTION	SUPPLIER	%
PHASE A				
DOWSIL™ ES-5600 Silicone Glycerol Emulsifier	Cetyl Diglyceryl Tris(Trimethylsiloxy) silylethyl Dimethicone	W/O emulsifier	Dow / Univar Solutions*	7.50
DOWSIL™ EL-9081 Silicone Elastomer Blend	Dimethicone, Dimethicone/ Vinyl Dimethicone Crosspolymer	Sensory enhancer	Dow / Univar Solutions*	3.00
Parsol® ZX	Zinc Oxide, Triethoxycaprylylsilane	UV filter	DSM	5.00
Parsol® TX	Titanium Dioxide, Silica, Dimethicone	UV filter	DSM	8.00
DOWSIL™ FZ-3196 Fluid	Caprylyl Methicone	Carrier, sensory enhancer	Dow / Univar Solutions*	7.50
DOWSIL™ VM-2270 Aerogel Fine Particles	Silica Silylate	Sensory enhancer, oil absorber	Dow / Univar Solutions*	0.30
Parsol® 340	Octocrylene	UV filter	DSM	3.00
Parsol® SLX	Polysilicone-15	UV filter	DSM	0.95
Parsol® EHS	Ethylhexyl Salicylate	UV filter	DSM	5.00
XIAMETER™ PMX-200 Silicone Fluid 2 cSt	Dimethicone	Carrier, sensory enhancer	Dow / Univar Solutions*	3.00
Aromatic SY154950	Fragrance	Fragrance	Kao Fragrances / Univar Solutions*	0.50
Kem Diol 35	Phenoxyethanol, Caprylyl Glycol	Preservative	Akema / Univar Solutions*	1.00
PHASE B				
	Water (Aqua)	Solvent	Univar Solutions*	51.25
	Sodium Chloride	W/O emulsion stabilizer	Univar Solutions*	1.00
	Glycerin	Humectant	Univar Solutions*	3.00

ADDITIONAL INFORMATION	
Procedure (cold process)	1. Mix phase A ingredients together. Make sure that inorganic filters are well dispersed 2. Mix phase B ingredients together 3. Slowly add phase B to phase A while mixing at 700 - 900 rpm
Stability	Stable at least 2 months at 4°C, RT and 40°C (still ongoing).
Comments	<ul style="list-style-type: none"> • Viscosity (spindle 7; 10 rpm; 1min) = 120,000 cPs (30%) • Application: Apply evenly on your face and body. Reapply every two hours to keep an efficient protection • SPF measured in vitro: 32.1 (test performed by our partner Dow) • White cream
Campaign	The Essentials
Reference	FR1620 3
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Contact	personalcareEMEA@univarsolutions.com

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