



Exquisite Sun Care - W/O+Si

This sun care lotion is just amazing. Nobody would complain to apply sun care products if all SPF protection emulsions would have such feel. **Dow Corning® 3901 Liquid Satin Blend**, an innovative and revolutionary lightly crosslinked high MW polymer in a volatile dimethicone carrier fluid, is providing a smooth, satin and slippery feel. The film former, **Dow Corning® FA 4002 ID Silicone Acrylate** is boosting the sun protection factor. Finally, **Dow Corning® ES-5300 Formulation Aid** is the emulsifier of choice for water-dispersed emulsion where the external phase is so hybrid, made of various organics and silicones.

 **UNIVAR®**
PERSONAL CARE

	Trade name	INCI name	Supplier	%	Procedure
A	1 Dow Corning® ES-5300 Formulation AID	Lauryl PEG-10 Tris(Trimethylsiloxy)silylethyl Dimethicone	Dow Corning/Univar*	3.0	<ol style="list-style-type: none"> Mix ingredients phase A until homogeneous (Ultra Turrax may be used shortly to disperse Bentone 38V). Premix phase B and heat at 90°C until homogeneous. Cool down phase B at room temperature and then add into phase A with stirring. Add slowly phase C with vigorous stirring Homogenize (1 min/100 g).
	2 Dow Corning® FZ-3196	Caprylyl Methicone	Dow Corning/Univar*	3.0	
	3 Isohexadecane	Isohexadecane	Creation Couleur	13.0	
	4 Dow Corning® 3901 Liquid Satin Blend	Dimethicone/Vinyl Dimethicone Crosspolymer (and) Dimethicone	Dow Corning/Univar*	5.0	
	5 Dow Corning® FA 4002 ID Silicone Acrylate	Isododecane (and) Acrylates/ Polytrimethylsiloxy methacrylate copolymer	Dow Corning/Univar*	3.5	
	6 Rofetan OE	Dicaprylyl Ether	Ecogreen/Univar*	3.0	
	7 Bentone 38V	Disteardimonium Hectorite	Elementis Specialities	1.0	
B	8 Vida-Care SP-5	Ethylhexyl Salicylate	Lambson/Univar*	4.5	Stability Stable for at least 2 months at room temperature, 40°C and 50°C (stability testing still ongoing for longer period of time).
	9 Vida-Care SP-6	Octocrylene	Lambson/Univar*	3.5	
	10 Vida-Care SP-7	Butyl Methoxydibenzoylmethane	Lambson/Univar*	2.0	
C	11	Aqua (Water)	Univar*	50.5	Comments <ul style="list-style-type: none"> Viscosity (spindle 3; 30 rpm; 1 min) = 2,510 cPs (75.3 %) Fluid emulsion (white appearance) associated to an amazing feel A glass pack would be advised Formula derived from "Suncare" (formulation CPF 02020) from our partner Dow Corning
	12	Sodium Chloride		0.5	
	13 Butylene Glycol	Butylene Glycol	Univar*	7.0	
	14 Euxyl® PE 9010	Phenoxyethanol, Ethylhexylglycerin	Schulke & Mayr/Univar*	0.5	

* Please contact your regional Univar sales representative to ensure that mentioned products are distributed in your country.

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Contact: personalcareEMEA@univar.com | www.univar.com



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