

Ultimate Protection Face Cream SPF 50

ID	SUN Care / SX-2003376.013	ID-No: 001.001
pH-value	5.5	
Appearance	Slightly yellowish emulsion	
Product Form	Emulsion o/w	
Claims	UV-Protection, Microplastic-free, Cell Protecting, Water-Resistant, Coral Reef Friendly	

St	Substance	INCI Name USA	% w/w	Manufacturer
1	Water demin.	Water	37.73	Several
	Glycerin 99.5%	Glycerin	2.50	Several
	Dermosoft Pentiol Eco	Pentylene Glycol	2.50	Evonik, DE
	Dermosoft Hexiol	Hexylene Glycol	0.80	Evonik, DE
	Bentone Hydroclay 700	Hectorite, Xanthan Gum	0.50	Elementis, US
2	Tego Care 450 MB	Polyglyceryl-3 Methylglucose Distearate	3.00	Evonik, DE
	Amphisol K	Potassium Cetyl Phosphate	0.40	DSM, NL
	Tegosoft XC	Phenoxyethyl Caprylate	7.00	Evonik, DE
	Eldew SL-205	Isopropyl Lauroyl Sarcosinate	7.00	Ajinomoto, JP
	Parsol DHHB	Diethylamino Hydroxybenzoyl Hexyl Benzoate	8.00	DSM, NL
	Parsol EHT	Ethylhexyl Triazone	5.00	DSM, NL
	Parsol Shield	Bis-Ethylhexyloxyphenol Methoxyphenyl Triazine	2.10	DSM, NL
	Uvasorb HEB	Diethylhexyl Butamido Triazone	1.00	3V Sigma, IT
	Cetiol Sensoft MB	Propylheptyl Caprylate	4.00	BASF, DE
	Dub DIS	Diisopropyl Sebacate	3.00	Stearinerie Dubois FR
	Tego Filmstar One MB	Polyglyceryl-3 Stearate/Sebacate	1.50	Evonik, DE
	Tego Alkanol 1618	Cetearyl Alcohol	1.20	Evonik, DE
	Cutina HR	Hydrogenated Castor Oil	0.40	BASF, DE
	Dermofeel Toco 70 non-GMO	Tocopherol, Helianthus Annuus (Sunflower) Seed Oil	0.15	Evonik, DE

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3	RADICARE® - GOLD	Crambe Abyssinica Seed Oil, Beta-Carotene, Xanthophylls, Tocopherol, Helianthus Annuus (Sunflower) Seed Oil, Rosmarinus Officinalis (Rosemary) Leaf Extract	1.00	RAHN AG, CH
	Parfum Esse 500	Fragrance	0.25	Huber the Nose, CH
4	Valvance Touch 210	Silica	1.00	DSM, NL
5	Parsol MAX	Methylene Bis-Benzotriazolyl Tetramethylbutylphenol, Water, Decyl Glucoside, Propylene Glycol, Xanthan Gum	7.00	DSM, NL
6	Alcohol denat.	Alcohol denat.	2.50	Several
7	Citric Acid solution 10%	Water, Citric Acid	0.47	Several

Production

Pre-mix Bentone Hydroclay 700 in Pentylene Glycol, Hexylene Glycol and Glycerin; then mix it into the water by continuous stirring. Heat unified phase 1 to 75°C. Weight all components of phase 2 and heat to 90°C by constant stirring. The oily solution needs to be lump-free and completely solved. Add phase 2 to phase 1 by intense homogenisation. Cool down to 40°C and add phases 3, 4 and 5 separately – then homogenise again. Add phase 6 and 7 by good stirring and cool down to room temperature. A short end-homogenisation is recommended as a final step.

Stability: Stable for more than 3 months at 5°, 25°, 40°C

Microbiological Stability: ---

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