



Watery Gel Sunscreen SPF 50 - formula 1

Ingredient	INCI Name	Qty %	Function
Water	A Water	56,15%	Solvent
Butylene Glycol	Butylene Glycol	2,50%	
Xanthan Gum	Xanthan Gum	0,20%	
Disodium EDTA	Disodium EDTA	0,05%	
Preservative	Preservative system according to customer's choice	0,20%	Preservative
Lactic Acid	Lactic Acid	0,15%	
Hydrogenated Lecithin	Hydrogenated Lecithin	0,60%	
Hydrolyzed Lecithin Extract	Hydrolyzed Lecithin Extract	1,00%	
Creagel® EZ 7	Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer (and) Hydrogenated Polydecene (and) Laureth-7	0,60%	Emulsifier
Behenyl Alcohol	B Behenyl Alcohol	0,20%	
Salisol OMC	Ethylhexyl Methoxycinnamate	3,75%	
Diethylamino Hydroxybenzoyl Hexyl Benzoate	Diethylamino Hydroxybenzoyl Hexyl Benzoate	3,75%	
Preservative system according to customer's choice	Preservative system according to customer's choice	QS	
Creanatural® BioCollagen	C Water (and) Glycerin (and) Butylene Glycol (and) Zea Mays (Corn) Starch (and) Natto Gum (and) Preservative system according to customer's choice	5,00%	Hydrating
Hyaluronic acid	Hyaluronic acid	0,05%	
Creaspheres® PMMA WL 6	D Polymethyl Methacrylate	1,80%	Softness
Creasperse® TR 14 AF 50	Titanium Dioxide (and) Hydrogenated Polydecene (and) Polyhydroxystearic Acid (and) Alumina (and) Dimethicone	9,80%	UV-filter
Creasperse® TR 35 AF 65	Titanium Dioxide (and) Hydrogenated Polydecene (and) Alumina (and) Stearic Acid (and) Polyhydroxystearic Acid	5,50%	UV-filter
Alcohol	E Alcohol	8,20%	

Procedure:

Weigh phase A, heat up to 70°C-75°C and put under stirring.
Weigh phase B, heat up to 70°C-75°C and put under stirring.
When both phase are homogeneous, pour B into A under stirring and leave under stirring for 15
Homegenize at 6000 rpm for 30 secondes.
Leave to cool down under stirring.
Then, add phases C and D under stirring.
Homegenize at 6000 rpm for 30 secondes.
Adjust the pH around 5,3 - 5,7 if necessary
Then, add phase E under stirring.

Important:

Creanatural® BioCollagen should not be heated.
Creasperse® TR 22 AF 65 should be homogenized before use.
Creasperse® TR 14 AF 50 should be homogenized before use.