

# From Dawn to Dusk SPF 25 (theoretical SPF 25)

Reference: FD 17-27C3

INCI name	%	Function
<b>PHASE A<sub>1</sub></b>		
Water ( <i>Aqua</i> )	up to 100.00	
Glycerin	3.00	Humectant
Xanthan Gum	0.50	Thickener
Magnesium Aluminium Silicate	1.00	Thickener
<b>PHASE A<sub>2</sub></b>		
Water ( <i>Aqua</i> )	10.00	
Phenylbenzimidazol Sulfonic Acid	3.50	UVB Filter
Sodium Hydroxide	a.n.	pH adjuster
<b>PHASE B<sub>1</sub></b>		
Polyglyceryl-2 Stearate ( <i>and</i> ) Glyceryl Stearate ( <i>and</i> ) Stearyl Alcohol - <b>PolyAqual™ 2W</b>	3.00	Emulsifier
Cetearyl Alcohol	1.00	Consistency agent
Dicaprylyl Ether	3.00	Emollient
Theobroma Cacao ( <i>Cocoa</i> ) Seed Butter	0.50	Emollient
Stearyl Linoleate ( <i>and</i> ) Stearyl Stearate ( <i>and</i> ) Polyhydroxystearic Acid ( <i>and</i> ) Stearyl Alcohol - <b>innollient™ SL</b>	2.00	Emollient
Octyldodecyl Oleate ( <i>and</i> ) Octyldodecyl Stearoyl Stearate ( <i>and</i> ) Polyhydroxystearic Acid ( <i>and</i> ) Octyldodecanol - <b>innollient™ LO</b>	1.00	Emollient
Diethylamino Hydroxybenzoyl Hexyl Benzoate	2.00	UVA Filter
Bis-Ethylhexyloxyphenol Methoxyphenyl Triazine	2.00	UVA-B Filter
Ethylhexyl Methoxycinnamate	2.00	UVB Filter
Tocopherol	0.01	Antioxidant
<b>PHASE B<sub>2</sub></b>		
Octyldodecyl Oleate ( <i>and</i> ) Octyldodecyl Stearoyl Stearate ( <i>and</i> ) Polyhydroxystearic Acid ( <i>and</i> ) Octyldodecanol - <b>innollient™ LO</b>	2.00	Emollient
CI77891, CI77492, CI77491	2.00	Pigments

INCI name	%	Function
<b>PHASE C</b>		
Dimethicone	1.00	Emollient
<b>PHASE D</b>		
Ribes Nigrum ( <i>Black Currant</i> ) Seed Oil ( <i>and</i> ) Octyldodecanol ( <i>and</i> ) Octyldodecyl Oleate ( <i>and</i> ) Octyldodecyl Stearoyl Stearate ( <i>and</i> ) Paeonia Suffruticosa Root Extract ( <i>and</i> ) Rosmarinus Officinalis ( <i>Rosemary</i> ) Leaf Extract - <b>Activoil™ Spotless ZRO</b>	0.50	Active Ingredient
<b>PHASE E</b>		
Polyamide-5	1.00	Texturizing Agent
<b>PHASE F</b>		
Glycerin ( <i>and</i> ) Water ( <i>and</i> ) Laminaria Saccharina Extract - <b>ReGENESEEA™ LS</b>	1.50	Anti-aging Active Ingredient
Preservative	a.n.	Preservative
Parfum	a.n.	Parfum
VISCOSITY after 24h Brk, RVDV-I Prime, Sp 93, 10 rpm 10000 – 20000 cps		pH (100%) 6.8 – 7.0

## Procedure:

- Mix the ingredients of phase A2 at room temperature adjusting pH up to 6,80-7,00;
- Prepare phase A1 and phase B1 separately and warm them up to 75°C;
- Disperse the thickeners in phase A1 using a suitable dispersion unit;
- Add phase A2 to phase A1;
- Crush phase B2 at the mill and add it to phase B1;
- Add phase B to phase A and homogenize for a few minutes;
- At 50-60°C add phases C and D in the given order and continue to homogenize;
- Cool down to 40°C and add phases E and F in the given order under gentle stirring.