

## COSMETIC FORMULA

### 08A48A01 AGE DEFENSE SUN SPRAY EMULSION SPF 20

**CLAIMS:** Cold processing  
Sun protection  
Antioxidant  
Free radical scavenger

**PRODUCT DESCRIPTION:** light emulsion, non sticky, easily spreadable, without whitening effect and with a luminous effect on the skin. Ideal for bag on valve technology.

<i>Ingredients</i>	<i>INCI name</i>	<i>%</i>
<b>Phase A</b>		
	<i>Aqua</i>	To 100
	Tetrasodium EDTA	QS
	Aloe Barbadensis	0.10
	Glycerin	2.00
	Preservative	QS
<b>PANTROFINA® PC</b> Antioxidant, Free radical scavenger and Anti Age Active Ingredient. ECOCERT agreed	Diglycerin, Pinus Pinaster	0.50
<b>RESPLANTA® PGF BABASSU</b> Peg-free water dispersible Babassu oil. ECOCERT agreed	Babassu Oil Polyglyceryl-4 Esters	3.00
<b>RESPLANTA® PGF OLEA</b> Peg-free water dispersible Olive oil. ECOCERT agreed	Olive Oil Polyglyceryl-4 Esters	2.00
<b>RESCONCEPT® SUN PLUS-2</b> Liquid concentrated emulsion	See TDS	50.00
<b>Phase B</b>		
	Parfum	QS
<b>RESASSOL® VH</b> Solubilizer	Peg-40 Hydrogenated Castor Oil, Ppg-26-Buteth-26	0.40

- **MANUFACTURING PROCEDURE:**

Add the components of Phase A in the order while mixing. Turbomix till homogeneous. Premix the component of Phase B. Add Phase B to Phase A . Homogenize for 10 min.

- **PHYSICAL-CHEMICAL DATA:**

**Appearance:** White ivory fluid emulsion  
**pH:** 5.5-6.5

- **SPF IN VITRO ( Diffey-Robson method):**

**UVB 31.9**  
**UVA/UVB RATIO 0.59**  
**Critical wavelength 378 nm**

**SPF IN VIVO\* ( Colipa Sun Protection Test Method, 2006):**

**UVB 20.1 Medium Protection**

(\*Test performed on a base emulsion containing 50% of Resconcept Sun Plus-2)

**Disclaimer:**

Res Pharma Centro Tecnico's formulations are intended to demonstrate how our cosmetic ingredients can be used and to assist formulators. The information offered are suggestions and are not intended as a support to claims made on the customers' development of finished products.