

17/SU0180 23_01

FPS 50 GLOW SERUM – TENTATIVE FORMULATION



INGREDIENTES	INCI Name	%	FORNECEDOR
FASE A			
C12-15 Alkyl Benzoate	C12-15 Alkyl Benzoate	q.s.p. 100	/
SymMollient® S green	Cetearyl Nonanoate	10,00	Symrise
Neo Heliopan® OS	Ethylhexyl Salicylate	4,50	Symrise
Neo Heliopan® 357	Butyl Methoxydibenzoylmethane	4,50	Symrise
Bis-Ethylhexyloxyphenol Methoxyphenyl Triazine	Bis-Ethylhexyloxyphenol Methoxyphenyl Triazine	4,50	/
Neo Heliopan® EHT	Ethylhexyl Triazone	4,50	Symrise
Corapan® TQ	Diethylhexyl 2,6-Naphthalate	7,50	Symrise
SymMollient® PDCC	Propanediol Dicaprylate/Caprate	10,00	Symrise
Apple Oil CA	Pyrus Malus (Apple) Seed Oil	3,00	Symrise
SymDiol® 68T	1,2-Hexanediol, Caprylyl Glycol, Tropolone	1,00	Symrise
DL-Alpha-Tocopherol	Tocopherol	0,50	/
SymClariol®	Decylene Glycol	2,00	Symrise
Thixcin R PC	Trihydroxystearin	5,00	Elementis
FASE B			
Isododecane	Isododecane	10,00	Embacaps
Fragrância QTN11074AA	Parfum	0,50	Symrise
KTZ Gold Lame	Mica, Titanium Dioxide, CI 77491	0,30	KOBO

PROCEDIMENTO

1. Pesar os itens da FASE A (exceto o Thixcin R PC) e aquecer a 80°C. Resfriar até 55 °C e manter a temperatura.
2. Adicionar o Thixcin R PC e homogeneizar com UltraTurrax (modelo IKA T25 Digital) a 6000 RPM por 20 min.
3. Resfriar sob agitação.
4. Adicionar os itens da FASE B e homogeneizar.

Neo Heliopan[®] OS

ID Card



INCI: Ethylhexyl Salicylate



USAN-Name: Octisalate

Product Number: 131494

Appearance: Clear, colorless to light yellow liquid

Solubility: oil-soluble, not soluble in water; excellent solvent for crystalline and oil-soluble ingredients

**EXCELLENT
PHOTOSTABILITY**



**WATER-
RESISTANT
PRODUCTS**

Cold-processing possible
(easy to incorporate into emulsions)



**GLOBALLY
APPROVED**



max 5%



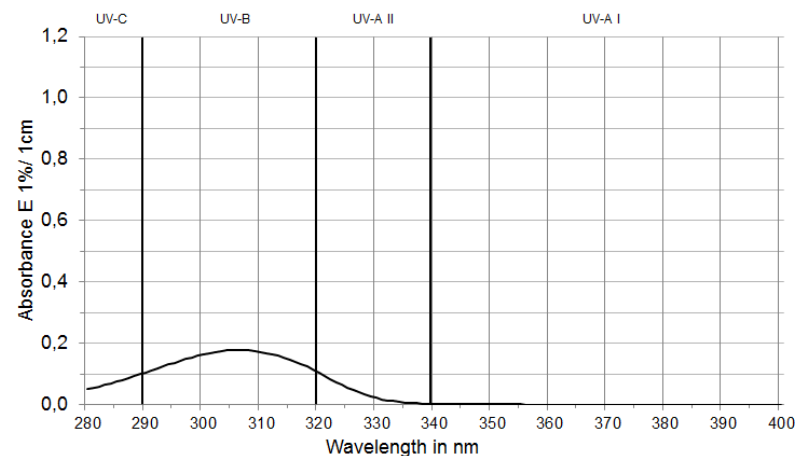
max 5%



max 5%



max 5%



UVB Filter

UV Absorbance
10ml/l in methanol



*Suitable vegan according Symrise criteria
Halal & Kosher status available on request*

Neo Heliopan[®] 357

ID Card



INCI: Butyl Methoxydibenzoylmethane



USAN-Name: Avobenzone

Product Number: 622501

Appearance: white to pale yellow powder

Solubility: oil-soluble, not soluble in water



WATER-RESISTANT PRODUCTS

Enables broadband protection when combined with effective UVB filters

Most important UVA filter in world

HIGHLY EFFECTIVE UVA ABSORBER



GLOBALLY APPROVED



max 5%



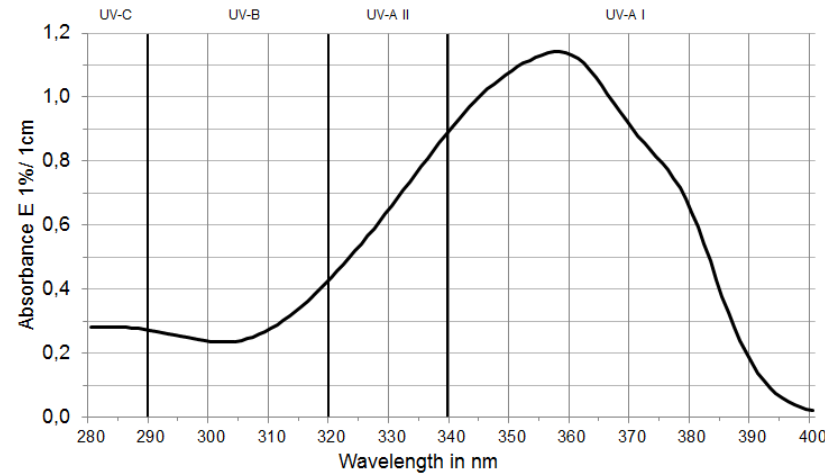
max 5%



max 3%



max 5%



UVA Filter

UV Absorbance
10mg/l in methanol



Suitable vegan according Symrise criteria
Halal & Kosher status available on request

Neo Heliopan[®] EHT

ID Card



INCI: Ethylhexyl Triazone



Product Number: 179886

Appearance: white to pale yellow powder

Solubility: oil soluble

pH of use: 5 to 9

Temperature stable: up to 90° C

MOST EFFECTIVE OIL SOLUBLE UVB ABSORBER

→ Excellent **SAFETY PROFILE**

→ Suitable for:

- **WATER-RESISTANT** sunscreens
- **WATER FREE** formulations / typical emulsions

EXCELLENT PHOTOSTABILITY

SYNERGISTIC EFFECT
with water soluble and inorganic UV filters

CAN BE USED EVERYWHERE

except
USA & Canada



up to 5%



up to 5%*



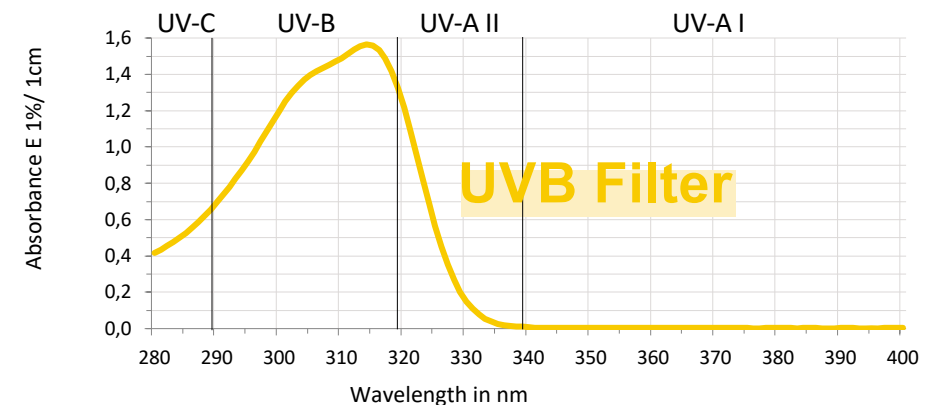
up to 5%



up to 5%

UV ABSORBANCE

10ml/l in ethanol



Suitable vegan according Symrise criteria
Halal & Kosher status available on request
*Not yet allowed in Brazil

SymClariol®

ID Card



<p>INCI: Decylene Glycol</p> <p>IUPAC Name: 1,2-Decanediol Product Number: 344028 Appearance: Off-white waxy solid with light characteristic odor Recommended Use Level: up to 2.0%</p>			<p>CLEANER SKIN FROM SCALP TO TOE</p>	
<p>Henkel Runner Up SUSTAINABILITY AWARD</p>			<p>Helps to REDUCE FOOT ODOR</p>	<p>DANDRUFF decrease</p>
<p>HIGH PURITY</p>			<p>BODY MALODOR control</p>	<p>PIMPLES & SEBUM reduction</p>
<p>READILY BIODEGRADABLE</p>			<p>ANTIMICROBIAL properties suitable for HYGIENE applications</p>	
<p> PATENTED</p>	<p> GLOBALLY COMPLIANT</p>	<p>MAIN APPLICATIONS with pH between 3 and 12:</p> <ul style="list-style-type: none"> FACIAL WASH AND CARE SCALP CARE FOOT CARE HAND SOAP BODY WASH AND CARE 		
<p> </p>				

Suitable Vegan according to Symrise policy

Corapan[®] TQ

ID Card



INCI: Diethylhexyl 2,6-Naphthalate

Product Number: 840857 / 182585

Appearance: Clear, practically odorless, pale yellow liquid



Recommended Use Level: 1 to 5%

Solubility: clearly soluble in most cosmetic oils

EXHIBITS
OUTSTANDING SOLUBILIZING PROPERTIES

FOR ALL KINDS OF
CRYSTALLINE UV FILTERS

EXCELLENT PHOTOSTABILIZER FOR AVOBENZONE / BMDM IN SUNCARE FORMULATIONS

ENHANCES SPF DUE TO PHOTOSTABILIZATION



vegan suitable according symrise criteria

GLOBALLY COMPLIANT



VERSATILE EMOLLIENT FOR SUNSCREEN APPLICATIONS

MAIN APPLICATIONS

- SUN CARE CREAMS & LOTIONS
- FACE CARE
- BODY CARE

SymMollient[®] S green

ID Card






INCI: Cetearyl Nonanoate Product Number: 103227 Appearance: Colorless crystalline solid Recommended Use Level: 1.0 to 10.0% Saturated wax ester		MELTS AT SKIN TEMPERATURE	
		SUSTAINABLE ALTERNATIVE TO SILICONE-DERIVATES	<i>IN VIVO</i> DATA PROOF SIGNIFICANT SKIN HYDRATION
100% NATURAL-BASED		REDUCES THE WHITENING EFFECT OF MINERAL SUNSCREEN FILTERS	
	PATENTED		
 COSMOS APPROVED	 GLOBALLY COMPLIANT (except China)		
		MAIN APPLICATIONS: <ul style="list-style-type: none">• FACE CARE• BODY CARE• SUN CARE• STICK APPLICATIONS• BAR SOAPS	

SymMollient[®] PDCC

ID Card



<p>INCI: Propanediol Dicaprylate/Caprate</p> <p> Product Number: 102119</p> <p>Appearance: Colorless transparent liquid, faintly fatty odor</p> <p>Viscosity (20°C): approx 10 mPas</p> <p>Recommended Use Level: 1.0 to 10.0%</p>	<p>CONTEMPORARY SKIN FEEL</p> <ul style="list-style-type: none">• dry & silky• tack-free• silicone like		
<p>BASED ON</p> <p>100% RENEWABLE FEEDSTOCK</p>		<p>SOLUBILIZES OIL SOLUBLE UV FILTERS</p>	<p>IMPROVES THE COVERING POWER OF FORMULATIONS WITH A HIGH PIGMENT LOAD</p>
<p> GLOBALLY COMPLIANT (except China)</p>	<p><i>MAIN APPLICATIONS:</i></p> <ul style="list-style-type: none">• SKIN & SUN CARE CREAMS, LOTIONS, OILS• ANTIPERSPIRANTS• MAKE-UP• BATH OILS• CONDITIONING SHAMPOOS		

SymDiol® 68T

ID Card



INCI: 1,2-Hexanediol, Caprylyl Glycol, Tropolone			MOISTURIZES	STABILIZES EMULSIONS	enhances PRODUCT PROTECTION
	Product Number: 177441 Appearance: Clear and nearly odorless liquid Recommended Use Level: Up to 1.0%		ANTIOXIDANT PROPERTIES		
	 GLOBALLY COMPLIANT				
EASY TO USE LIQUID BLEND	HIGH PURITY		MAIN APPLICATIONS with pH between 3 and 8: <ul style="list-style-type: none">• SKIN CARE• HAIR CARE• SUN CARE• COLOR COSMETICS• RINSE OFF		

Suitable Vegan according to Symrise policy
Halal & Kosher status available on request