

*penreco*<sup>®</sup>

**Solar Protection  
Cream**

# Solar Protection Cream

## PRODUCTS

Raw Material	Composition	% w/w	Supplier
<b>PHASE A</b>			
Versigel® MG 750-T	Hydrogenated Polydecene, Ethylene/Propylene/Styrene Copolymer, Butylene/Ethylene/Styrene Copolymer, Pentaerythrityl Tetra-di-t-butyl Hydroxyhydrocinnamate	3.00	Penreco
Eusolex® 9020	Butyl Methoxydibenzoylmethane	1.40	Merck
Eusolex® OCR	Octocrylene	4.50	Merck
Eusolex® 2292	Ethylhexyl Methoxycinnamate, BHT	5.30	Merck
Eusolex® S	Bis-Ethylhexyloxyphenol Methoxyphenyl Triazine	2.70	
Uvinul® A Plus	Diethylamino Hydroxybenzoylhexyl Benzoate	2.70	
Uvinul® T 150	Ethylhexyl Triazone	1.90	
Sharomix™ CP10	Phenoxyethanol, Chlorphenesin	1.00	Sharon
C12-15 Alkyl benzoate	C12-15 Alkyl benzoate	4.00	
<b>PHASE B</b>			
Blanova® Coconut Oil Fractionated	Cocos Nucifera Oil	2.00	Azelis
<b>PHASE C</b>			
Water	Aqua	57.71	
Meritol 160 Pharma	Sorbitol, Aqua	3.00	Tereos
Biowax® 754	Special PEG-8 Dimethicone	3.00	Biosil
Quidigel BRM PE	Water, Hypnea Musciformis Extract, Sargassum Vulgare Extract, Sorbitol, Algae Extract, Phenoxyethanol, Ethylhexylglycerin	3.00	Assessa
<b>PHASE D</b>			
Rheomer® SC Plus	Aqua, Acrylates/Beheneth-25 Methacrylate Copolymer	4.00	Solvay
NaOH 30 % Solution	Aqua, Sodium hydroxide	0.29	
<b>PHASE E</b>			
Blueberry Love 841	Parfum	0.50	IFF

## MIXING INSTRUCTIONS

Premix phase A and heat to 85-90°C until homogenous.  
 Cool with mixing to 70°C and add phase B until homogenous.  
 Premix the components of phase C, and heat to 70°C.  
 Add phase D into phase C, and homogenise until homogenous.  
 Add phase AB into phase CD, homogenising for 20 minutes.  
 Cool to 30°C and add phase A, mixing until homogenous.

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