

*penreco*®

**Nourishing  
Body Balm**

# Nourishing Body Balm

## PRODUCTS

Raw Material	Composition	% w/w	Supplier
<b>PHASE A</b>			
Water	Aqua	70.40	
Glycerin	Glycerin	4.00	
Carbomer	Carbomer	0.30	
<b>PHASE B</b>			
NaOH 30% Solution	Aqua, Sodium Hydroxide	0.30	
<b>PHASE C</b>			
Versigel® MN 1600-T	Isononyl Isononanoate, Ethylene/Propylene/Styrene Copolymer, Butylene/Ethylene/Styrene Copolymer, Pentaerythrityl tetra-di-t-butyl hydroxyhydrocinnamate	4.00	Penreco
Versigel® SQ 1600-T	Squalane, Ethylene/Propylene/Styrene Copolymer, Butylene/Ethylene/Styrene Copolymer, Pentaerythrityl Tetra-di-t-butyl Hydroxyhydrocinnamate	3.00	Penreco
<b>PHASE D</b>			
Cetearyl Isononanoate	Cetearyl Isononanoate	4.00	
Ethylhexyl Palmitate	Ethylhexyl Palmitate	4.00	
Cetearyl Ethylhexanoate	Cetearyl Ethylhexanoate	4.00	
Ethylhexyl Isononanoate	Ethylhexyl Isononanoate	4.00	
<b>PHASE E</b>			
Sharomix™ CP10	Phenoxyethanol, Chlorphenesin	1.00	Azelis
Polymethyl Methacrylate	Polymethyl Methacrylate	0.50	
Silky Flowers 506	Parfum	0.50	IFF

## MIXING INSTRUCTIONS

Premix phase A, until dispersed, then heat to 70°C.  
 Adjust the pH of phase A to 7-7.5 using phase B as necessary.  
 Premix phase C and phase D, and then heat to 90-100°C, and then allow to cool.  
 Once phase A has reached 70°C, add phase CD and homogenise until homogenous.  
 Cool the batch to 40°C with mixing, and add phase E, mixing until homogenous.