

Guide Formulation

Personal Care

Aftershave Balm

Containing: **BC 2231, Cyclopentasiloxane and Dimethiconol**
BC Cyclomethicone 5, Cyclopentasiloxane
BC 96/061 PEG/PPG-18/18 Dimethicone

Raw Material	Weight %	Supplier
Part 1		
Soft Water	88.8	-
Glycerin	3.0	-
BC 96/061 PEG/PPG-18/18	1.0	Basildon Chemicals
Dimethicone		
Polysorbate 80	0.1	Croda Oleochemicals
Allantoin	0.1	A & E Connock
Part 2		
Cycloheximethicone	2.0	Basildon Chemicals
BC 2231, Cyclopentasiloxane and Dimethiconol	4.0	Basildon Chemicals
Decyl Oleate	0.5	Croda Oleochemicals
Acrylates/C10-30 Alkyl Acrylate Crosspolymer	0.25	Noveon. Inc
Part 3		
Triethanolamine (99%)	0.25	-
Preservative	q.s	-
Fragrance	q.s	-

Method

- Combine the ingredients of Part 1 and mix until homogeneous.
- In a separate vessel, combine the ingredients of Part 2. Mix at high shear to remove any lumps of Acrylates Crosspolymer.
- Add Part 2 to Part 1 while mixing at moderate speed. Continue mixing for 15-30 mins.
- Add TEA to neutralise. Increase the speed of mixing as the product thickens.
- Add the remaining ingredients of Part 3 as required.

Please note that the above formulation is only intended as a guide. It is not a commercial formulation and has not been tested as such. The formulation should be evaluated and modified for your own requirements before use. Also suggestions of uses should not be taken as inducements to infringe any particular patent.

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