

Guide Formulation

Personal Care

Moisturising Cream for Ethnic Hair

Containing: **BC 2105, Trimethylsilylamodimethicone Microemulsion**
BC 2262, Phenyltrimethicone Microemulsion

This hair moisturising cream formulation contains BC 2105 for improved combing and a silky soft feel and BC 2262 for enhanced shine.

Raw Material	Weight %	Supplier
<u>Part 1</u>		
Soft Water	To 100%	
Panthenol	0.5	BASF
Dosodium EDTA	0.05	BASF
Acrylates Copolymer (30%)	5.0	Noveon Inc.
Sodium Hydroxide (32%)	0.5	-
<u>Part 2</u>		
Petrolatum	7.5	Witco
Mineral oil	26.5	Witco
Beeswax	1.0	Koster Keunen
Glyceryl Stearate (and) PEG-100 Stearate	6.0	Uniqema
Cetyl Stearyl Alcohol	3.0	Cognis
<u>Part 3</u>		
BC 2105 , Trimethylsilylamodimethicone Microemulsion	3.5	Basildon Chemicals
BC 2262 , Phenyltrimethicone Microemulsion	3.5	Basildon Chemicals
Aloe Barbedenis Extract (40:1)	0.1	A & E Connock
Tocopheryl Acetate	0.5	Cognis
Preservative	q.s	
Fragrance	q.s	

Method

- Dissolve EDTA and panthenol in soft water
- Add Acrylates Copolymer and neutralise to pH 6.5 with sodium hydroxide
- Heat Part 1 to 70°C
- Blend ingredients of Part 2 and heat with mixing to 70°C
- Add Part 2 to Part 1 while mixing at high speed
- Cool with mixing to <45°C
- Add ingredients of Part 3 in the order shown. Mix until homogenous after each addition.

Please note that the above formulation is only intended as a guide. It is not a commercial formulation and has no as such. The formulation should be evaluated and modified for your own requirements before use. Also suggestion should not be taken as inducements to infringe any particular patent.

Basildon Chemical Company Limited
Kimber Road, Abingdon, Oxon, OX14 1RZ England
Tel: 01235 526677 Fax: 01235 524334
E-Mail: Sales@baschem.co.uk Web Site: www.baschem.co.uk