

Guide Formulation

Personal Care

Leave in Conditioner

**Containing: BC 2231, Cyclopentasiloxane and Dimethiconol and
BC Cyclomethicone 5, Cyclopentasiloxane and
BC 98/073, Phenyltrimethicone
BC 2183, Silicone Quaternium-15**

This cuticle coat is an oil based leave-in formulation for use on dry, frizzy or damaged hair. The blend of silicone products smooth hair and promote a soft feel and a healthy shine

Raw Material	Weight %	Trade Name / Supplier
BC Cyclomethicone 5	10.0	BC Cyclomethicone 5 / Basildon Chemicals
Cyclopentasiloxane		
BC 2231 Cyclopentasiloxane and Dimethiconol	86.5	BC 2231 / Basildon Chemicals
BC 98/073 Phenyltrimethicone	2.0	BC 98/073 / Basildon Chemicals
BC 2183 Silicone Quaternium-15	1.5	BC 2183 / Basildon Chemicals
Fragrance	q.s	-

Method

- Slowly add BC Cyclomethicone 5 to BC 2231 while mixing at moderate speed.
- Add BC 98/073 and BC 2183 and continue mixing until product is homogenous

The amount of BC Cyclomethicone 5 included can be varied in order to meet particular viscosity requirements

Typical Properties

Appearance	Clear Viscous liquid
Viscosity	2000 – 4000cP

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.

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