

4. Weigh 22.2 g freshly boiled and cooled purified water on a Class II or electronic balance.
  5. Weigh 250 mg of Cetrimide BP on a Class II or electronic balance.
  6. Weigh 50 mg Chlorocresol BP on a Class I or sensitive electronic balance.
  7. Melt the Cetostearyl Alcohol BP in an evaporating basin over a water bath to a temperature no higher than 60°C.
  8. Add the Liquid Paraffin BP and the Dimeticone 350 BP to the melted Cetostearyl Alcohol BP and remove from the heat (this forms the *oily phase*).
  9. Heat the freshly boiled and cooled purified water to 60°C.
  10. Dissolve the Cetrimide BP and the Chlorocresol BP in the freshly boiled and cooled purified water and remove from the heat (this forms the *aqueous phase*).
  11. When the oily phase and aqueous phase are both at about 60°C, add the oily (disperse phase) to the aqueous (continuous phase) with constant, not too vigorous stirring.
  12. Stir until cool enough to pack. (Do not hasten cooling.)
  13. Pack 30 g into a collapsible tube or amber glass jar, label and dispense.
5. A collapsible tube or plain amber jar would be most suitable.
  - 6.
  - a. The product is official, therefore the following title would be suitable: 'Dimeticone Cream BPC'.
  - b. Quantitative particulars are not required as the product is official.
  - c. 'For external use only' will need to be added to the label as the product is a cream for external use.
  - d. 'To be used as a barrier cream after bathing.'
  - e. Not applicable.
  - f. The product is a cream and so will attract a 4-week discard date.
  - g.

**Dimeticone Cream BPC****30 g**

To be used as a barrier cream after bathing.

Do not use after (4 weeks)

For external use only

Mrs Lily Evans

Date of dispensing

7. The patient would be advised to use the cream as a barrier cream after bathing. In addition, the discard date and fact that the product is for external use only would be highlighted to the patient.
- 14. Zinc oxide and calamine cream**
1. Used as a barrier preparation for nappy rash and eczematous conditions and associated pruritus (*British National Formulary* 51st edn, pp 571–572).
  2. This is an unofficial preparation, therefore the formula will need to be checked to ensure that it is safe and suitable for use. The formula is comparable to official products containing the same ingredients listed in