

the same/similar proportions (*British National Formulary* 51st edn, p 572).

Therefore the product is safe and suitable for the intended purpose.

3. Prepare 20 g of zinc oxide and calamine cream.

Product formula

	Master	10 g	30 g
Zinc Oxide BP	15 g	1.5 g	4.5 g
Calamine BP	5 g	500 mg	1.5 g
Aqueous Cream BP	80 g	8 g	24 g

4.
 - a. Not applicable.
 - b. Aqueous Cream BP is used as the diluent in this preparation as per the product formula.
 - c. There is no preservative included as per the product formula.
 - d. Creams are for external use and so no flavouring is required.

The following method would be used to prepare 30 g of zinc oxide and calamine cream from the formula above:

1. Weigh 1.5 g Calamine BP on a Class II or electronic balance.
 2. Transfer to a porcelain mortar.
 3. Weigh 4.5 g Zinc Oxide BP on a Class II or electronic balance.
 4. Add the Zinc Oxide BP to the Calamine BP and mix using the 'doubling-up' method.
 5. Transfer the mixed powders on to a glass tile.
 6. Weigh 24 g Aqueous Cream BP on a Class II or electronic balance.
 7. Levigate the Aqueous Cream BP with the powder until smooth using the 'doubling-up' method.
 8. Weigh 20 g and pack 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 unofficial, therefore the following title would be suitable: 'Zinc oxide and calamine cream'.
 - b. Quantitative particulars are required as the product is unofficial. As the product is for external use, the quantitative particulars would be expressed by container (i.e. per 20 g):

Containing:

Zinc Oxide BP	15%
Calamine BP	5%
Aqueous Cream BP	ad 100%
 - c. 'For external use only' will need to be added to the label as the product is a cream for external use.
 - d. 'Apply THREE times a day as directed.'
 - e. Not applicable.
 - f. The product is a cream and so will attract a 4-week discard date.