

g.

Magnesium Carbonate Mixture BPC

150 ml

Take TWO 5 ml spoonfuls THREE times a day in water.

Do not use after (4 weeks)

Shake the bottle

Mrs Sally Marlow

Date of dispensing

7. The patient would be advised to mix two 5 ml spoonfuls with an equal volume of water and take three times a day. In addition, the discard date and the need to shake the bottle would be highlighted.

17. Zinc and talc lotion

- 1. Mildly astringent, used topically as a soothing and protective application (*Martindale* 33rd edn, pp 1128, 1124 and 1617).
- 2. This is an unofficial preparation, therefore the formula will need to be checked to ensure that it is safe and suitable for purpose. The formula is comparable to official products containing the same ingredients listed in the same/similar proportions (*Martindale* 33rd edn, pp 1128, 1124 and 1617). Therefore the product is safe and suitable for the intended purpose.
- 3. Bentonite BP is used for external suspensions in a concentration of 2–3%. Therefore, for 100 ml of suspension, it would be appropriate to use 2 g of Bentonite BP.

Prepare 50 ml of zinc and talc lotion.

Product formula

	Master	100 ml	50 ml
Purified Talc BP	25%	25 g	12.5 g
Zinc Oxide BP	25%	25 g	12.5 g
Glycerin BP	5%	5 ml	2.5 ml
Bentonite BP	qs	2 g	1 g
Water	to 100%	to 100 ml	to 50 ml

- 4.
- a. Purified Talc BP (*British Pharmacopoeia* 1988, p 552), Zinc Oxide BP (*British Pharmacopoeia* 1988, p 604) and Bentonite BP (*British Pharmacopoeia* 1988, p 62) are all practically insoluble in water.
 - b. Freshly boiled and cooled purified water would be the vehicle of choice as the product does not contain a preservative.
 - c. No preservative is included in this product.
 - d. The product is for external use, therefore does not require the addition of a flavouring.