

Tips

The suggested order is Sodium Bicarbonate BP first, then add Chalk BP, Heavy Magnesium Carbonate BP and finally Magnesium Trisilicate BP. The Sodium Bicarbonate BP is noticeably the smallest volume and also the most likely to suffer clumping and be lumpy in appearance.

2. Weigh 25 g Chalk BP using a Class II or electronic balance.
3. Weigh 25 g Heavy Magnesium Carbonate BP using a Class II or electronic balance.
4. Weigh 25 g Sodium Bicarbonate BP using a Class II or electronic balance.
5. Mix the powders in a porcelain mortar in order of bulk volume.
6. Transfer to an amber glass jar, label and dispense to the patient.

5. Choice of container

Once prepared, the powder should be packaged in an ointment jar.

6. Labelling considerations

a. Title

The product is official, therefore the following title would be suitable: 'Compound Magnesium Trisilicate Oral Powder BP'.

b. Quantitative particulars

Quantitative particulars are not required as the product is official.

c. Product-specific cautions (or additional labelling requirements)

'Store in a dry place' will need to be added to the label as the product is a bulk oral powder.

d. Directions to patient – interpretation of Latin abbreviations where necessary

'1 g to be mixed with a small amount of water and taken THREE times a day when required.'

e. Recommended *British National Formulary* cautions when suitable

Not applicable.

f. Discard date

The product is a bulk oral powder and so will attract a 3-month discard date.

g. Sample label (you can assume that the name and address of the pharmacy and the words 'Keep out of the reach of children' are pre-printed on the label):

Compound Magnesium Trisilicate Oral Powder BP

100 g

1 g to be mixed with a small amount of water and taken THREE times a day when required.

Store in a dry place

Do not use after (3 months)

Mrs Sally Frost

Date of dispensing