

### methyl salicylate compound liniment

*Lin. Methyl. Salicyl. Co.*

menthol .....	4 g
eucalyptus oil .....	10 mL
methyl salicylate .....	25 mL
arachis oil .....	to 100 mL

**Strength:** Contains 25% of methyl salicylate (limits 23.0 to 26.5% v/v of C<sub>8</sub>H<sub>8</sub>O<sub>3</sub>).

**Method:** Prepare by dissolution into final calibrated bottle; avoid contact with water. If crushing menthol crystals, use a glass mortar.

**Use:** Counter-irritant, analgesic.

**Label:** Label N: CONTAINS PEANUT OIL.

### Lotions

Lotions are liquid preparations intended for application to the skin. They may contain aqueous, ethanolic or emulsified vehicles and are usually applied without friction.

**Containers:** They should generally be dispensed in fluted poison bottles.

**Expiry:** The expiry date is 28 days from the date of preparation unless otherwise specified.

**Labelling:** The containers should be labelled FOR EXTERNAL USE ONLY and SHAKE THE BOTTLE.

### aluminium acetate lotion aqueous

*Burrow's lotion*

aluminium acetate solution .....	5 mL
purified water, freshly boiled and cooled .....	to 100 mL

**Strength:** Contains 0.7% of aluminium acetate (limits 0.07 to 0.1% w/v, calculated as Al).

**Note:** The lotion should be freshly prepared and used within seven days, taking care to limit the possibility of microbial contamination.

When aluminium acetate lotion is prescribed, aqueous aluminium acetate lotion should be dispensed.

**Use:** Wet dressings in acute weeping dermatoses.

### calamine lotion

*Lot. Calam.*

calamine .....	15 g
zinc oxide .....	5 g
bentonite, sterilised .....	3 g
sodium citrate .....	0.5 g
liquefied phenol .....	0.5 mL
glycerol .....	5 mL
purified water, freshly boiled and cooled .....	to 100 mL

**Method:** Sterilise the bentonite by heating at not less than 160 °C for at least two hours. Dissolve the sodium citrate in about 70 mL of purified water. Triturate the zinc oxide with the glycerol then add the calamine, bentonite and sodium citrate solution. Triturate until smooth, then add the liquefied phenol, adjust to volume with purified water, and mix. Usually prepared in a mortar using the method of doubling.

**Caution:** Liquefied phenol is very caustic.

**Use:** Soothing and protective agent, antipruritic.<sup>4</sup>

### calamine lotion oily

*Lot. Calam. Oleos.*

calamine .....	5 g
wool fat .....	1 g
arachis oil.....	50 mL
oleic acid.....	0.5 mL
calcium hydroxide solution .....	to 100 mL

**Strength:** Contains 5% of calamine (limits 2.52 to 3.35% w/w, calculated as Zn).

**Method:** Melt the wool fat, arachis oil and oleic acid together, then triturate the calamine with this liquid. Incorporate 47 mL of calcium hydroxide solution into the oil phase. Usually prepared in a mortar using the method of doubling.

**Use:** Antipruritic.

**Label:** Label N: CONTAINS PEANUT OIL.

### cetomacrogol lotion

*cleansing lotion*

cetomacrogol emulsifying wax .....	3 g
liquid paraffin .....	10 mL
glycerol .....	10 mL
chlorhexidine gluconate solution BP .....	0.1 mL
purified water, freshly boiled and cooled .....	to 100 mL

**Method:** Melt the cetomacrogol emulsifying wax (see 'Cetomacrogol cream aqueous', p. 37) in the liquid paraffin and mix with 50 mL of purified water heated