

Children's formulary

baclofen suspension CF—5 mg/mL

baclofen* 500 mg
 glycerin 4 mL
 methylcellulose mucilage APF..... 25 mL
 compound hydroxybenzoate solution APF..... 0.8 mL
 syrup APF..... to 100 mL

*Use baclofen tablets.

Method: Crush the baclofen tablets in a porcelain mortar to a fine powder. Triturate with the glycerin and the methylcellulose mucilage. Add the hydroxybenzoate solution then add the syrup to volume.

Note: Store at 2–8 °C (use ancillary label 6). Shake well before use.

Expiry: 28 days from date of preparation.

dexamethasone suspension CF—1 mg/mL

dexamethasone* 100 mg
 ethanol 90% 15 mL
 glycerol 40 mL
 compound hydroxybenzoate solution APF..... 2 mL
 methylcellulose mucilage APF..... to 100 mL

*Dexamethasone tablets can be used.

Method: Crush the dexamethasone tablets in a dry glass mortar until finely powdered. Wet the powder with the ethanol and add the glycerol and the compound hydroxybenzoate solution. Add the methylcellulose mucilage to volume.

Note: Store at 2–8 °C (use ancillary label 6).

Expiry: Seven days from date of preparation.

folic acid solution CF—1 mg/mL

folic acid* 100 mg
 sodium hydroxide solution (1 molar)..... qs to pH of 8
 compound hydroxybenzoate solution APF..... 1 mL
 purified water..... to 100 mL

*Folic acid tablets or injection may be used.

Method: If using tablets, crush the tablets to a fine powder, add the hydroxybenzoate solution and triturate with 25 mL of the purified water. Add 70 mL of the purified water and adjust the pH to 8 using the sodium hydroxide solution. Make to volume with purified water.

Note: Store at 2–8 °C (use ancillary label 6). Protect from light. Shake well before use.

Expiry: 28 days from date of preparation.

omeprazole dispersion CF—2 mg/mL

omeprazole* 200 mg
 sodium bicarbonate 8 g
 compound hydroxybenzoate solution 1 mL
 purified water to 100 mL

*Use omeprazole 20 mg capsules.

Method: Dissolve the sodium bicarbonate in the purified water. Empty the capsule contents into a container, add the sodium bicarbonate solution and shake vigorously until a white dispersion forms. The pellets may take many hours to fully disperse.

Note: Store at 2–8 °C (use ancillary label 6). Protect from light. Shake well before use.

Note: The sodium bicarbonate load may cause problems, especially in those with renal impairment and the very young. Check electrolyte and acid–base status of infants below 6 months of age and anyone with renal impairment.

Note: The bioavailability of this product is approximately 50% of the capsules.

Note: As an alternative, omeprazole tablets may be dispersed in water, orange juice or yoghurt and given orally within 30 minutes. The resulting pellets must not be chewed or crushed. Omeprazole degrades rapidly under acidic conditions.

Expiry: 28 days from date of preparation.

pantoprazole dispersion CF—2 mg/mL

pantoprazole* 200 mg
 sodium bicarbonate 8.4 g
 compound hydroxybenzoate solution 1 mL
 purified water to 100 mL

*Use pantoprazole tablets.

Method: Dissolve the sodium bicarbonate in the purified water. Crush the pantoprazole tablets in a mortar and triturate with the sodium bicarbonate solution, transferring to the final container. Shake vigorously for 10 minutes to obtain a uniform dispersion.

Note: Store at 2–8 °C (use ancillary label 6). Protect from light. Shake well before use.

Note: See note under 'Omeprazole dispersion' (above) for use and electrolyte monitoring.

Note: The bioavailability of this product is approximately 75% of the intact tablets.

Expiry: 28 days from date of preparation.