

Sodium Benzoate

FORM Ampoule containing 1g in 5ml (STOCKED IN RHC NICU)
INDICATION Treatment of hyperammonaemia

DOSE RANGE

AGE	DOSE	FREQUENCY	ROUTE
0 – 6 months	250mg/kg	Loading dose	IV
	Followed by 10mg/kg/hour Adjusted according to response	Continuous infusion.	IV

PRESCRIPTION OF CONTINUOUS INFUSION 1g in 20ml infusion fluid
 This gives;
 • 10mg/kg/hr = 0.2ml/kg/hr

RECONSTITUTION Already in solution

DILUTION

Sodium Benzoate 200mg/ml	5ml
Glucose 10%	Up to 20ml total

Gives a 50mg in 1ml solution. Use the required volume.

METHOD OF ADMINISTRATION
Loading Dose
 5 x weight (kg) = number of mL of diluted solution (50mg/ml) to be infused over 90 minutes

Continuous Infusion
 By continuous intravenous infusion, flow rate adjusted according to response.

COMPATIBILITY

Solution compatibility	Sodium chloride 0.9% and 0.45%, glucose 5% and 10%.
Solution incompatibility	No information
IV Line compatibility	Can be infused at Y-site with arginine, carnitine and sodium phenylbutyrate (no data to support this but has been done in practice)
IV Line incompatibility	No information

THIS LIST IS NOT EXHAUSTIVE PLEASE CONTACT PHARMACY FOR FURTHER INFORMATION ON COMPATIBILITY WITH ANY MEDICINES NOT INCLUDED

CAUTIONS, CONTRA-INDICATIONS AND SIDE EFFECTS

- See Summary of Product Characteristics and most recent edition of BNF for Children (links below)

FURTHER INFORMATION Undiluted injection contains 1.4mmol Sodium per ml

West of Scotland NEONATAL Parenteral Drug Monographs

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LINKS [BNF for Children:](#) / [Electronic Medicines Compendium](#)

APPLICABLE POLICIES [West of Scotland Neonatal Guidelines:](#)

Consult local policy if applicable

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Administer reconstituted solutions immediately.

All vials, ampoules and infusion bags are for single use only unless otherwise stated.

Dose may vary depending on indication, age, renal function, hepatic function, and concomitant medications.
This monograph should be used in conjunction with the package insert, BNF for Children, and Summary of Product Characteristics. For further advice contact your clinical pharmacist or pharmacy department.
