

Sodium Bicarbonate

Form:	8.4% Sodium Bicarbonate in 100ml bottle containing 1mmol/ml sodium bicarbonate.
Reconstitution:	Already in solution May dilute further prior to administration.
Administration Method:	<p><u>IV bolus</u> Emergency use only. Immediately follow by Sodium Chloride 0.9% flush.</p> <p><u>Intermittent or continuous IV infusion</u></p> <p><u>Peripheral</u></p> <p>Dilute to a concentration of 1.26% or less.</p> <ul style="list-style-type: none"> • To prepare a 500ml solution of 1.26% sodium bicarbonate, remove 75ml from a 500ml bag of suitable infusion fluid, add 75ml of sodium bicarbonate 8.4% to the remaining 425ml in the bag. Mix well by inverting the bag several times. <p><u>Central</u> Concentrations greater than 1.26% should be given via central line.</p>
Extravasation	Extravasation of higher strength solutions (more than 2.74%) is likely to cause tissue damage, due to high osmolarity.
Compatibility & Stability:	Sodium chloride 0.9% Glucose 5%
Special Notes:	<ul style="list-style-type: none"> • Hypokalaemia or hypocalcaemia should be corrected before beginning of the alkalinising therapy. • Patient monitoring should include regular checks of acid-base balance, serum electrolyte concentrations and water balance. • Do not use if the solution is unclear or contains precipitate.

Information provided relates to 8.4% w/v Sodium Bicarbonate Intravenous Infusion manufactured by B Braun.

This information has been summarised to act as a guide for those administering IV medication. The monograph should be used in conjunction with the drug data sheet and BNF for information on dose, adverse effects, cautions and contra-indications. Further information is available from Pharmacy on 22146 or 22542