

Sodium Bicarbonate

CAUTION: High Administration Risk Rating	
Form	8.4% w/v Sodium Bicarbonate in 100mL bottle containing 1mmol/mL sodium bicarbonate.
Reconstitution	Already in solution May dilute further prior to administration.
Compatibility & Stability	Sodium chloride 0.9% Glucose 5%
Administration	<p>Do not use if the solution is unclear or contains precipitate.</p> <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> Dilute to a concentration of 1.26% w/v 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% w/v should be given via central line.</p>
Monitoring	Patient monitoring should include regular checks of acid-base balance, serum electrolyte concentrations and water balance.
Extravasation	Extravasation of higher strength solutions (more than 2.74% w/v) is likely to cause tissue damage, due to high osmolarity.
Additional Information	Hypokalaemia or hypocalcaemia should be corrected before beginning alkalinising therapy.

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