Sodium Bicarbonate

CAUTION: High Administration Risk Rating		
Form & Storage	8.4% w/v Sodium Bicarbonate in 100mL bottle containing 1mmol/mL sodium bicarbonate.	Do not store above 25°C
Reconstitution	Already in solution Do not use if the solution is unclear or contains precipitate. **May dilute further prior to administration.**	
Compatibility & Stability	Sodium chloride 0.9% Glucose 5%	
Administration	**IV bolus**	
	Emergency use only. May be given undiluted over at least 3 minutes. Immediately follow by sodium chloride 0.9% flush. Doses may be given at 10 mins intervals	
	Intermittent or continuous IV infusion	
	Peripheral Dilute to a concentration of 1.26% w/v or less. • To prepare a 500mL solution of 1.26% sodium bicarbonate, add 88mL of sodium bicarbonate 8.4% to the 500mL bag. Mix well by inverting the bag several times. Final volume of infusion prepared is 588mL of sodium bicarbonate 1.26% containing 88mmol bicarbonate (approx. 0.15mmol in 1mL) • Max infusion rate 10mL/kg/hour of a 1.26% solution (equivalent to 1.5mmol/kg/hour) **Central** Concentrations greater than 1.4% w/v should be given via central line. Max infusion 1.5mmol/kg/hour	
Monitoring	Patient monitoring should include regular checks of acid-base balance, serum electrolyte concentrations and fluid balance.	
Extravasation	Extravasation of higher strength solutions (more than 1.4% w/v) is likely to cause tissue damage, due to high osmolarity.	
Additional Information	Hypokalaemia or hypocalcaemia should be corrected before beginning alkalinising therapy. Dilution of the 8.4% sodium bicarbonate solution is **unlicensed**	

Information provided relates to 8.4% w/v Sodium Bicarbonate Intravenous Infusion (B Braun)