

Diazepam

CAUTION: High Administration Risk Rating		
Form	10mg per 2mL ampoule	Store below 25°C
Reconstitution	Already in solution • Draw up using a 5 micron filter needle • Use gloves when opening ampoules	
Compatibility & Stability	Sodium chloride 0.9% Glucose 5% Incompatible with PVC: A non-PVC infusion container (Baxter Viaflo®, Braun Ecoflac®) and infusion set must be used.	
Administration	IV Injection	
	Do not dilute due to risk of precipitation Give slowly, maximum rate 1mL per minute (1mL = 5mg) into a large vein	
	IV Infusion	
	Dilute with compatible fluid up to a maximum concentration of 80micrograms in 1mL (40mg in 500mL). Care should be taken with dilution due to the risk of precipitation.	
Antidote	IM Injection	
	Administer via deep intramuscular injection. Can result in low and erratic absorption.	
Antidote	Flumazenil is a specific benzodiazepine antagonist and must be available to rapidly reverse respiratory depression when administering diazepam.	
Monitoring	Monitor pulse oximetry and blood pressures. Monitor for respiratory depression and ensure mechanical ventilation equipment is available before administration Monitor the patient for 1 hour post administration. Patient should remain in the supine position.	
Extravasation	May cause pain and phlebitis at infusion site as medicine liable to precipitate.	
Additional Information	Excipients: Ethanol - 250mg per mL. Propylene glycol – 550mg per mL. There have been rare reports of propylene glycol toxicity (e.g. increased anion gap, metabolic acidosis, hyperosmolality, renal impairment) with the potential for organ system failure and circulatory shock, in patients treated with continuous infusions of diazepam. Cardiotoxicity (arrhythmia, hypotension); central nervous system disorders (depression, coma, seizures) as well as respiratory depression, dyspnoea; liver dysfunction have also been associated with propylene glycol toxicity. Symptoms may be more likely to develop in patients with renal or hepatic impairment and in paediatric patients due to impaired elimination or exceeding recommended daily exposure limits for the excipient.	

Information provided relates to Diazepam (Hameln) last updated 14/5/2026

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