NHS England

Product specification: Cyclophosphamide infusion bags

	Name of product	Cyclophosphamide infusion. Aseptically prepared from licensed sterile starting materials.
	Concentration	Concentration range 1mg/ml to 20mg/ml in infusion bags in accordance with the national dose banding tables. The Cyclophosphamide concentrate should be added to the bag without withdrawal of equivalent volume of Sodium Chloride 0.9% w/v Infusion unless withdrawal of some infusion fluid is required to accomodate the total dose.
	Diluent	Sodium Chloride 0.9% w/v
	Volume	250ml to 1000ml
	Final container	Non-PVC e.g. polyolefin infusion bag with additive port cover. *Ideally infusion bag design will incorporate self sealing giving port to minimise H&S risks associated with accidental spillage during administration.* CE marked sterile empty infusion bags may be used where infusion of neat 20mg/ml solution is required
	Starting materials	Licensed Cyclophosphamide powder for reconstitution for injection Licensed Sodium Chloride Injection 0.9% w/v Licensed Sodium Chloride 0.9% w/v Infusion bags CE marked sterile empty infusion bags
	Labelling	Labelling must be compliant with the principles of labelling for safety and the BP General specification on unlicensed medicines.Tall Man lettering must be used for the drug name.
	Label sample	An example label is provided below stating the minimum requirements only (the label format is not restrictive and suppliers can use their preferred layout):- CYCLOphosphamide xxxxmg in xxxml Sodium Chloride 0.9% w/v For Intravenous Infusion Infuse the entire contents of the bag Store in a Refrigerator at 2-8^{O}C Protect From Light Expiry: dd/mm/yyyy BN: XXXXXXXXX Keep out of the reach and sight of children Manufacturer's details MS XXXXXX *Caution Cytotoxic: Handle with care* .
	Batch Number	All products will have a unique batch identification number
	Latex status of - components - manufacturing process	All materials and manufacturing processes will be latex free or clearly labelled if not.
	Stability	Stability studies should conform to the Standard Protocol for deriving and assessment of stability of Aseptic preparations (small molecules) published by the NHS Pharmaceutical QA Committee (4th Edition, April 2017).