

## Addiphos®

<b>CAUTION: High Administration Risk Rating</b>	
<b>Form</b>	Addiphos® concentrate containing potassium dihydrogen phosphate, disodium phosphate dihydrate and potassium hydroxide One vial (20 mL Addiphos) provides the following: <b>Phosphate</b> 40 mmol, <b>Potassium</b> 30 mmol, <b>Sodium</b> 30 mmol
<b>Reconstitution</b>	In solution. <b>Must be diluted before administration</b>
<b>Compatibility &amp; Stability</b>	Glucose 5% Sodium chloride 0.9%  Addiphos® must not be added to infusions containing Addamel/Additracce due to the risk of precipitation.
<b>Administration</b>	<b>IV infusion:</b> Dilute and give slowly over at least 6 hours using an infusion pump. The rate of administration should be appropriate to correct electrolyte deficiency and suitable for individual fluid requirements. Administration via a central venous access device is preferred. If diluted sufficiently, Addiphos® may be given via a large peripheral vein.  <b>IV infusion via a peripheral line:</b> Add 10mL Addiphos® to 500mL glucose 5%. Mix well This provides approximately: 20mmol phosphate (0.04mmol in 1mL) 15mmol potassium (0.03mmol in 1mL) 15mmol sodium (0.03mmol in 1mL) <b>or</b> Add 20mL Addiphos® to 750mL glucose 5%. Mix well This provides approximately: 40mmol phosphate (0.053mmol in 1mL) 30mmol potassium (0.04mmol in 1mL) 30mmol sodium (0.04mmol in 1mL)  <b>IV infusion via central line</b> Add 10 mL Addiphos to 40 mL glucose 5%. Mix well and infuse via syringe pump. This provides: 20mmol phosphate (0.4mmol in 1mL) 15mmol potassium (0.3mmol in 1mL) 15mmol sodium (0.3mmol in 1mL)
<b>Monitoring</b>	Monitor serum electrolytes (calcium, phosphate, potassium, sodium), renal function, fluid balance, acid-base balance, ECG, blood pressure.
<b>Extravasation</b>	Extravasation is likely to cause tissue damage due to high osmolarity (more likely with higher concentrations). Monitor the peripheral insertion site closely and resite at first signs of inflammation.
<b>Additional Information</b>	<ul style="list-style-type: none"> <li>Addiphos® contains potassium. The maximum infusion rate for Addiphos® is 10mmol potassium per hour.</li> <li>Correction of phosphate with Addiphos® is unlicensed.</li> </ul>

Information relates to Addiphos® manufactured by Fresenius Kabi.

*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*