Ibuprofen

Dose: **Closure of ductus arteriosus:** initially 10mg/kg as a single dose followed at 24 hour intervals by 2 doses of 5mg/kg; course may be repeated after 48 hours if necessary

Route of administration: Administer via a central or peripheral line as a short infusion over 15 minutes

Products available: 2mL vial containing 5mg/mL ibuprofen (Pedea)

To prepare an infusion: Give undiluted as a short IV infusion over 15 minutes. Can further dilute with glucose 5% or sodium chloride 0.9% if injection volume is too small

**Before and after administration:** Infuse, over 15 minutes, 1.5 to 2mL of glucose 5% or sodium chloride 0.9% through the line to avoid the ibuprofen being in contact with any acidic solution.

How to prescribe: Prescribe the first dose on the LTH drug chart once only section, clearly stating the date and time to be given. Prescribe the 2 subsequent doses on the regular drugs section clearly stating 2 doses only to be given, dose, route and time.

Compatibilities: There is no compatibility data available for ibuprofen

Incompatibilities: There is no compatibility data available for ibuprofen

Notes: If anuria or manifest oliguria occurs after the first or second dose, the next dose should be withheld until urine output returns to normal levels. See guideline for full details regarding cautions, contraindications and monitoring.

If there is no compatibility information, or the line has drugs known to be incompatible being infused, do not assume compatibility. Use a separate line.