



NEONATAL




FERROUS SULFATE

This document should be read in conjunction with this [DISCLAIMER](#)

Unrestricted: Any prescriber may initiate treatment

Presentation	Oral Liquid: 150mg/5mL ferrous sulphate Equivalent to 6mg/mL of elemental iron
Classification	Iron Supplement
Indication	<p>Iron Supplement for iron deficiency anaemia.</p> <ul style="list-style-type: none"> • Treatment of Iron Deficiency Anaemia • Prevention of Iron Deficiency Anaemia in infants born < 35 weeks gestation and greater than 4 weeks postnatal age, and fed unfortified breast milk. <ul style="list-style-type: none"> ○ Supplementation may cease at 4 months of age depending on dietary intake of iron <p>Note: PreNAN human milk fortifier contains iron, infants fed this human milk fortifier should not require supplementation.</p>
Contraindication	Thalassaemia, haemochromatosis and anaemia not due to iron deficiency
Precaution	Risk of iron induced haemolysis in preterm infants with Vitamin E deficiency is greater in the first 6 weeks of life.
Dose	<p><u>Prevention of Iron Deficiency Anaemia</u></p> <p>Oral: 0.2 mL/kg per dose every 12 hours until at least 4 months corrected age, depending on dietary intake of iron.</p> <p><u>Treatment of Iron Deficiency Anaemia</u></p> <p>Oral: 0.5 mL/kg per dose every 12 hours</p>
Monitoring	Haemoglobin, serum ferritin

Guidelines & Resources	KEMH Clinical Guideline: Neonatal: Vitamin and Mineral Supplementation WNHS Policy: Neonatal: Anaemia and Bleeding Disorders
Administration	Oral: Preferably given prior to a feed, otherwise administer with feeds.
Adverse Reactions	Common: nausea, GI irritation, constipation, black discolouration of faeces
Storage	Store at room temperature, below 25°C
Notes	Contains 70% Sorbitol solution 100mg/mL Ferro –Liquid® Oral solution does not contain alcohol
References	Truven Health Analytics. Ferrous Sulfate. In: NeoFax [Internet]. Greenwood Village (CO): Truven Health Analytics; 2019 [cited 2019 Apr 2]. Available from: https://neofax.micromedexsolutions.com/ Domellof M, Braegger C, Campoy C, Colomb V, Decsi T, Fewtrell M , et al. Iron Requirements of Infants and Toddlers. JPGN [Internet]. 2014 [cited 2019 Apr 2]; 58(1): 119-129. Available from: http://www.espgan.org/fileadmin/user_upload/guidelines_pdf/Hep_Nutrition/Iron_Requirements_of_Infants_and_Toddlers.pdf DOI: 10.1097/MPG.0000000000000206

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