



HAEMATINICS

- Haematinics are the agents required in the **formation of blood** and used in the **treatment of various types of anaemias**.
- These agents **increase the haemoglobin content** of blood through erythropoiesis or through an increase in haemoglobin content of erythrocytes. It generally contains the **iron/ ferrous containing compounds**. Haematinic agents are also known as **anti-anaemics**.
- Anaemia is a general term for a condition in which circulating red blood cells are deficient in number, or deficient in total haemoglobin content, per unit of blood volume.

NAME	MOLECULAR FORMULA	PHARMACEUTICAL FORMULATIONS	MARKET PREPARATIONS	STORAGE CONDITIONS	USES
Ferrous sulphate Synonymn: Green vitriol, Iron vitriol	$\text{FeSO}_4 \cdot 7\text{H}_2\text{O}$	<ul style="list-style-type: none">• Tablets• Syrup	<ul style="list-style-type: none">• Feosol• Slow Fe• Ferosul	<ul style="list-style-type: none">- Air-tight containers.- Keep out of children's reach	<ul style="list-style-type: none">- to treat and prevent iron deficiency anaemia.
Ferrous fumarate	$\text{C}_4\text{H}_2\text{FeO}_4$	<ul style="list-style-type: none">• Tablets• Syrup	<ul style="list-style-type: none">• Tandem• Ferro-sequels• Ferion tab• Ferrocite• Ferra-TD	<ul style="list-style-type: none">- Well closed container.- Keep in cool condition.	<ul style="list-style-type: none">- Haematinic- Pernicious anaemia

Ferric ammonium citrate Scale preparations of iron.	$(\text{NH}_4)_5[\text{Fe}(\text{C}_6\text{H}_4\text{O}_7)_2]$	<ul style="list-style-type: none"> • Syrup • Suspension • Capsule 	<ul style="list-style-type: none"> • Pons suspension • Intavil syrup • Dexorage softgel capsule • Deriton • Geritol liquid 	<ul style="list-style-type: none"> - Store at room temperature. - Store in original package to protect it from light. 	<ul style="list-style-type: none"> - Nutrient - Dietary supplement - Anticaking agent
Ferrous ascorbate	$\text{C}_{12}\text{H}_{14}\text{FeO}_{12}$	<ul style="list-style-type: none"> • Tablets • Capsule • Syrup 	<ul style="list-style-type: none"> • Ferojin-XT • Ascofer • Solufer syrup 	<ul style="list-style-type: none"> - Store at room temperature. - Keep out of children's reach 	<ul style="list-style-type: none"> - Iron deficiency anaemia
Carbonyl iron	$\text{Fe}(\text{CO})_5$	<ul style="list-style-type: none"> • Tablets • Powder • Oral suspension 	<ul style="list-style-type: none"> • Adcob-CF • Feosol kinedex icar C • Icar pediatric • Icar C • Irco • Irco.afroz tab 	<ul style="list-style-type: none"> - Store at room temperature in air-tight containers. - Keep out of children's reach. 	<ul style="list-style-type: none"> - Iron deficiency anaemia - Dietary supplement