



(Iron (III) Hydroxide Polymaltose Complex + Folic Acid)
Chewable Tablets 100mg/0.35mg



(Iron (III) Hydroxide Polymaltose Complex)
Syrup 50mg / 5mL

DESCRIPTION

The Iron (III) Hydroxide Polymaltose complex (IPC) is a water-soluble iron oxide, macromolecular complex of polynuclear iron (III) hydroxide that has distinct advantages over conventional iron preparations. As opposed to conventional iron salts that contain iron in ferrous form Iron polymaltose complex contains iron in ferric form, Ferrous releases an electron in the gastrointestinal tract before converting into ferric form. This electron is responsible for the formation of free radicals. Since iron is present in ferric form in iron polymaltose complex free radical do not form.

This is the reason for its better safety profile as compared to ferrous salts. The bioavailability of IPC is better than ferrous iron. It produces less gastric irritation than ferrous iron. Iron deficiency is particularly frequent during pregnancy and lactation, the content of folic acid is according to the WHO guideline. Folic acid is an important vitamin for the development of the unborn child.

Folic acid deficiency in the first week of pregnancy can lead to malformations in the child. The iron in RBC-F chewable tablets exist as iron(III)-hydroxide complex, where individual particles are embedded into a carbohydrate polymer (polymaltose). This prevents the iron from causing any harm in the gastrointestinal system.

COMPOSITION

RBC[®]-F Tablets:

Each chewable tablet contains:
Iron (III) Hydroxide Polymaltose Complex
eq. to Elemental Iron.....100mg
Folic Acid B.P0.35mg
Innovator's Specs.

RBC[®] Syrup:

Each 5ml contains:
Iron (III) Hydroxide Polymaltose Complex
eq. to Elemental Iron.....50mg
Innovator's Specs.

INDICATIONS

Prevention & treatment of all kind of iron deficiencies particularly iron deficiency anaemia & for the prevention of folic acid deficiency during pregnancy and lactation. The liquid formulation is specially for the prophylactic therapy of iron deficiency to cover the recommended daily dietary allowances for children adolescents & during pregnancy & lactation.

DOSAGE

RBC[®]-F Chewable Tablets

Age Group	Manifest deficiency	Latent deficiency
Adults (Children > 12 Years of age) nursing women	1-3 tablets daily	1 tablet daily
Pregnant Women	1-3 tablets daily	1 tablet daily

RBC[®] Syrup

Age Group	Manifested Iron deficiency	Latent Iron deficiency	Prophylactic Therapy (RDA)
Infants (Up to 1 year)	2.5-5ml daily	-	-
Children (Up to 1-12 years)	5-10 ml daily	2.5-5ml daily	-
Children (>12years) adults and nursing women	10-30ml daily	5-10ml daily	-
Pregnant Women	20-30ml daily	10ml daily	5-10ml daily

ADMINISTRATION

The daily dose can be divided into separate doses or can be taken at one time. RBC-F chewable tablets can be chewed or swallowed whole and should be taken during or immediately after a meal.

CONTRAINDICATIONS

IPC is contraindicated in conditions of iron overload (e.g. haemochromatosis haemosiderosis).

PRECAUTIONS

Absorption of iron is hampered when used concomitantly with calcium or chloramphenicol. One should also be careful while giving IPC with antacids which decrease the absorption of iron. Iron can reduce the bioavailability of methyl dopa, bisphosphonates and fluoroquinolones.

SPECIAL WARNING AND PRECAUTION FOR USE

In cases of anaemia due to infection or malignancy, the substituted iron is stored in the reticulo endothelial system from which it is mobilized and utilised only after curing the primary disease.

INTERACTIONS

Until now interactions have not been observed. Since the iron is complex-bound, ionic interactions with food stuff (phenytin, oxalates, tannin, etc.) and concomitant administration of medicament (tetracycline, antacids) are unlikely to occur. IPC does not cause teeth staining. The haemoccult-test (selective for haemoglobin) for the detection of occult blood is not impaired & therefore iron therapy must not be interrupted.

SIDE EFFECTS

Common side effects of IPC are occasional gastrointestinal irritation, nausea, constipation or diarrhoea. IPC can also cause dark coloration of stool, which has no clinical significance.

INSTRUCTIONS

RBC-F Tablets: Dosage as directed by the physician. Store below 30°C. Protect from heat, light & moisture. Keep all medicines out of the reach of children.

RBC Syrup: Dosage as directed by the physician. Store at room temperature. Protect from heat and light. Keep all medicines out of the reach of children.

PRESENTATION

RBC-F (Iron (III) Hydroxide Polymaltose Complex+Folic Acid) Tablets are available in Alu-Alu blister pack of 2x10's.

RBC (Iron (III) Hydroxide Polymaltose Complex) Syrup is available in amber pet bottle of 60ml.

RBC (Iron (III) Hydroxide Polymaltose Complex) Syrup is available in amber pet bottle of 120ml.

آر بی سی - ایف ٹیبلیٹس

ہدایات: خوراک ڈاکٹر کی ہدایت کے مطابق استعمال کریں۔
۳۰ ڈگری سینٹی گریڈ سے کم درجہ حرارت پر رکھیں۔
روشنی، گرمی اور نمی سے محفوظ رکھیں۔

آر بی سی سیرپ

ہدایات: خوراک ڈاکٹر کی ہدایت کے مطابق استعمال کریں۔
کمرے کے درجہ حرارت پر رکھیں، گرمی اور روشنی سے بچائیں۔
استعمال سے پہلے بوتل کو اچھی طرح ہلا لیں۔

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