

# Polyfer-Z

Iron Polymaltose Complex  
+ Vitamin B-Complex + Zinc

100 ml Syrup  
200 ml Syrup

#### Description

Polyfer-Z is a novel preparation of Iron, Vitamin B-Complex and Zinc. In Polyfer-Z iron is present as Iron Polymaltose Complex which contains non-ionic ferric iron and polymaltose in a stable complex. This Iron Polymaltose Complex facilitates a controlled absorption of the ferric iron, high rate of Iron utilization, the effective Hb increase and has excellent degree of tolerability. Zinc Sulphate is a source of zinc which is an essential trace element required for human nutrition and involved in a number of body enzyme system and Vitamin B-Complex is necessary for a number of functions mainly for proper functioning of nervous systems, formation of RBC & Hb and utilization of energy.

#### Composition

Each 5 ml of Polyfer-Z syrup contains Iron (III) Hydroxide Polymaltose Complex INN 200 mg equivalent to 50 mg elemental Iron, Thiamine Hydrochloride (B1) BP 5mg, Riboflavin 5-Phosphate Sodium BP 2.74 mg equivalent to Riboflavin (B2) 2mg, Pyridoxine Hydrochloride (B6) BP 2 mg, Nicotinamide BP 20 mg and Zinc Sulphate Monohydrate BP 27.46 mg equivalent to elemental Zinc 10 mg.

#### Indication

Polyfer-Z is indicated for the treatment and prevention of Iron, Vitamin B-Complex and Zinc deficiency states. This preparation is suitable especially for the treatment and prevention of Iron Deficiency Anaemia.

#### Dosage and Administration

Polyfer-Z should be administered according to the following dosage schedule or as recommended by the Physician.

Age	Therapeutic dose	Preventive dose
< 2 years	2.5 ml (1/2 teaspoonful) once a day	1.25 ml (1/4 teaspoonful) once a day
2 - 6 years	2.5 ml (1/2 teaspoonful) twice a day	2.5 ml (1/2 teaspoonful) once a day
6 - 12 years	5 ml (1 teaspoonful) twice a day	2.5 ml (1/2 teaspoonful) twice a day
Adults	10 ml (2 teaspoonful) 1-2 times a day	5 ml (1 teaspoonful) 1-2 times a day

For the treatment of deficiency conditions therapeutic dose better to continue up to 3 months, especially in Iron Deficiency Anaemia. This preparation can be taken without regard to food.

#### Contraindication

Polyfer-Z is contraindicated in patients with known hypersensitivity to any component of this preparation.

#### Precaution

Caution should be taken in the conditions of Iron overload (e.g. haemochromatosis, haemosiderosis) or disturbances in Iron utilization (e.g. lead anemia, sidero-achrestic anemia, thalassemia) and anaemia not caused by Iron deficiency (e.g. haemolytic anaemia) and in case of renal failure where accumulation of zinc may occur.

#### In Pregnancy and Lactation

Generally Polyfer-Z is safe & recommended in Pregnancy and Lactation.

#### Side effect

This preparation is normally well tolerated. However, a few side-effects of gastro-intestinal disturbances like nausea, vomiting, constipation or diarrhea, lethargy, respiratory distress, dyspepsia, abdominal pain may occur.

#### Drug interaction

No interactions have been observed. Since, the iron in this preparation is complex bound, ionic interactions with foodstuff components (phytates, oxalates, tannin, etc.) and medicaments (tetracycline, antacids) are unlikely to occur.

#### Storage

Store in cool dry place and away from light. Keep out of the reach of children.

#### How supplied

Polyfer-Z 100 ml Syrup  Bottle contains 100 ml of Syrup.

Polyfer-Z 200 ml Syrup  Bottle contains 200 ml of Syrup.



Manufactured by  
**Apex Pharma Ltd.**  
Shafipur, Gazipur