

# BIOZINC I

ZINC SULPHATE MONOHYDRATE BP+IRON INN+ VITAMIN B-COMPLEX

## **Compositions:**

Each 5 ml syrup contains Iron (III) Hydroxide Polymaltose complex INN 200 mg equivalent to elemental Iron 50 mg, Thiamine Hydrochloride BP 5 mg, Riboflavin Sodium Phosphate BP 2.74 mg equivalent to Riboflavin 2 mg, Pyridoxine Hydrochloride BP 2 mg, Nicotinamide BP 20 mg & Zinc Sulphate Monohydrate BP 27.5 mg equivalent to elemental Zinc 10 mg.

## **Pharmacology:**

Biozinc-i is a special preparation of Iron, Zinc and B-vitamins. In Biozinc-i, Iron is present as Iron Polymaltose complex, a novel iron preparation, which contains non-ionic ferric iron and polymaltose in a stable complex. This facilitates a controlled absorption of the iron when it comes in contact with the mucosal cell surface. Being non-ionic, Iron Polymaltose complex is more tolerable than conventional Iron form.

## **Dosage And Administration:**

Adults: 10 ml (2 teaspoonful) twice daily or as recommended by the physician. Children: 5 ml (1 teaspoonful) once or twice daily or as recommended by the physician. Infants: 0.33 ml/kg body weight daily or as recommended by the physician.

## **Contraindications:**

Biozinc-i is contraindicated in patients with a known hypersensitivity to any of the ingredients of this product.

## **Warning And Precaution:**

Caution should be taken in the conditions where there is a risk of iron overload, such as haemochromatosis, thalassemia, haemosiderosis or haemolytic anaemia.

## **Side Effects:**

Biozinc-i is generally well tolerated. However, a few side effects of oral iron preparations, including nausea, vomiting, constipation or diarrhea may occur.

## **Use in Pregnancy and Lactation:**

Recommended in pregnancy and lactation.

## **Drug Interaction:**

Generally no interactions have been observed. Since the iron is complex bound, ionic interactions with foodstuff components (phytates, oxalates, tannin, etc) and concomitantly administered medicaments (tetracycline, antacids) are unlikely to occur.

## **Overdosage:**

In case of overdosage, initially epigastric pain, diarrhoea & vomiting can occur and may include metabolic acidosis, convulsions and coma after apparent recovery. Should seek emergency medical attention in case of overdose. Initially an emetic should be given and then gastric lavage and general supportive measures should be employed.

## **Storage:**

Keep in a cool and dry place, protect from light.

## **Packing:**

Each bottle contains 100 ml syrup with a plastic spoon.

Manufactured By:  
The IBN SINA Pharmaceutical Industry PLC.  
Shafipur, Gazipur, Bangladesh.