

## **Megasim** Magaldrate & Simethicone

### **COMPOSITION**

**Megasim** Suspension: Each 100 ml contains Magaldrate USP 9.60 gm and Simethicone USP 0.40 gm.

### **PHARMACOLOGY**

**Megasim** is a combination of magaldrate and simethicone. Magaldrate (magnesium aluminium compound i.e. Hydroxymagnesium Aluminate), which neutralizes gastric acid extraordinarily quickly without raising the pH above 5-6. It also decreases the activity of pepsin in gastric secretion. Besides this, simethicone, the another component of **Megasim**, enables the gas bubble to coalesce and give relief from flatulence.

### **INDICATIONS**

**Megasim** is indicated to relieve symptoms of dyspepsia, heartburn, acid indigestion, sour stomach, gastroesophageal reflux and hiatal hernia. It is also prescribed in hyperacidity associated with peptic ulcers, gastritis and esophagitis. Magaldrate may be given to children if necessary. Also indicated for the relief of flatulence, abdominal distension and windy colic.

### **DOSAGE & ADMINISTRATION**

2-4 teaspoonfuls after 20-60 minutes of meal and before sleep or on the basis of physician's prescription.

### **SIDE EFFECTS**

GI side-effects are uncommon. Occasionally, if excessive amount is consumed, diarrhea, constipation or regurgitation may occur.

### **PRECAUTIONS**

Care should be taken in decreased kidney function, hypophosphataemia and weak people.

### **CONTRAINDICATIONS**

Magaldrate is contraindicated in patients with known hypersensitivity to magnesium and aluminium. It is also contraindicated in patients with impaired renal functions.

### **USE IN PREGNANCY & LACTATION**

Pregnant women: Magaldrate may be used in pregnancy if indicated. However one should avoid excessive dosage.

Lactating mother: Magaldrate may pass into breast milk but has not been reported to cause problem in nursing babies.

### **DRUG INTERACTION**

It should not be used in patients taking any form of Tetracycline. The drug may cause reduced bio-availability or slower absorption of a number of drugs including propranolol, isoniazid, prednisolone and naproxen.

### **OVERDOSE**

Over dosage with this formulation is a rare case.

### **HOW SUPPLIED**

**Megasim** Suspension: Bottle containing 200 ml of syrup.

Manufactured by



**MEDICON** Pharmaceuticals Ltd.  
Mirpur, Dhaka, Bangladesh