

# Mucoten®

Bromhexine Hydrochloride BP Syrup

## DESCRIPTION

**Mucoten®** is a preparation of Bromhexine. Bromhexine is a mucolytic agent. Following oral administration, Bromhexine has increased sputum volume and reduced the viscosity of bronchial secretions in chronic bronchitis patients. The drug has been reported to induce hydrolytic depolymerization of mucoprotein fibers and stimulate activity of the ciliated epithelium. An increase in lysosomal activity facilitated by Bromhexine has been postulated. Improvements in pulmonary function in bronchitis patients appear secondary to easier expectoration.

## INDICATIONS

Secretolytic therapy in acute and chronic bronchopulmonary diseases associated with abnormal mucus secretion and impaired mucus transport.

## DOSAGE AND ADMINISTRATION

**Adult Dosage: Mucoten®** is given orally in a dose of 10 to 20 mL (2 to 4 teaspoonful) 3 times daily. At commencement of treatment, it may be necessary to increase the total daily dose up to 60 mL (12 teaspoonful) in adults (initially for 7 days).

### Pediatric Dosage:

Dosing according to body weight: 0.3 mg/kg/day 3 times daily for 7 days then 0.15 mg/kg/day 3 times daily.

### Dosing according to age:

- Children 6 - 12 years: 5 mL (1 teaspoonful) 3 times daily
- Children 2 - 6 years: 2.5 mL (1/2 teaspoonful) 3 times daily
- Children under 2 years: 1.25 mL (1/4 teaspoonful) 3 times daily

## CONTRAINDICATIONS

It is contraindicated to those patients with hypersensitivity to Bromhexine.

## SIDE EFFECTS

**Dermatologic Effects:** Skin rash, urticaria.

**Gastrointestinal Effects:** Nausea, epigastric pain, vomiting and diarrhoea.

## PRECAUTION AND WARNING

Patients being treated with Bromhexine should be notified of an expected increase in the flow of secretions. The use of Bromhexine without medical supervision is not intended in patients who suffer from such condition chronically.

Medical advice should be sought if the symptoms last longer than 14 days and if the symptoms increase in spite of treatment with Bromhexine.

## USE IN PREGNANCY AND LACTATION

There is no data on the use of Bromhexine in pregnant women. The effects, if any, on the developing fetus are unknown. Until more information is available, Bromhexine should only be used during pregnancy if the maternal condition justifies the potential risk to the fetus.

## PHARMACEUTICAL PRECAUTION

Keep away from light and store in dry place. Keep out of reach of children.

## PACKAGING

**Mucoten®** syrup: Bottle containing 100 mL of syrup. Each 5 mL contains Bromhexine Hydrochloride BP 4 mg.

## SK-F

Manufactured by

**ESKAYEF BANGLADESH LIMITED**

GAZIPUR, BANGLADESH

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