

Ambroxol

Ambroxol Hydrochloride

Presentation:

Ambroxol Syrup: Each 5 ml syrup contains Ambroxol hydrochloride BP 15 mg.

Ambroxol-75 SR Capsule: Each capsule contains sustained release pellets of Ambroxol hydrochloride equivalent to Ambroxol hydrochloride BP 75 mg.

Ambroxol PD: Each 5 ml syrup contains Ambroxol hydrochloride BP 6 mg.

Pharmacology:

Ambroxol is the active metabolite of bromhexine and it has been proven that this metabolite possesses a greater bronchosecretolytic effect than bromhexine. It improves sputum rheology by hydrating mechanism leading to liquefaction of mucus in the lumen of respiratory tract, thus facilitating expectoration of mucus and reducing dyspnea. It stimulates production of phospholipids of surfactant by alveolar cells, thus contributing to the lowering of superficial tension in the alveoli. It also reduces bronchial hyperactivity. Ambroxol has anti-inflammatory properties owing to the inhibitory effect on the production of cellular cytokines and arachidonic acid metabolites. In patients with COPD it traditionally improves airway pathway.

Indications:

Productive cough, Acute and chronic inflammatory disorders of upper and lower respiratory tracts associated with viscid mucus including acute and chronic bronchitis Inflammatory disease of rhinopharyngeal tract (laryngitis, Pharyngitis, sinusitis and rhinitis) associated with viscid mucus, Asthmatic bronchitis, bronchial asthma with thick expectoration, Bronchiectasis, Chronic pneumonia.

Dosage and administration:

Average daily dose (preferably after meal).

Ambroxol Paediatric Drops:

0 - 6 months old: 0.5 ml, 2 times a day

6 - 12 months old: 1 ml, 2 times a day

1 - 2 years old: 1.25 ml, 2 times a day

Ambroxol Syrup:

2 - 5 years old: 2.5 ml (1/2 teaspoonful), 2-3 times a day.

5 - 10 years old: 5 ml (1 teaspoonful), 2-3 times a day.

10 years old and adults: 10 ml (2 teaspoonful), 3 times a day.

Ambroxol-75 SR Capsule:

Adults and children over 12 years old: 1 capsule, once daily.

Side-Effects:

Gastrointestinal side effects like epigastric pain, stomach overfill feeling may occur occasionally. Rarely allergic responses such as eruption, urticaria or angioneurotic edema has been reported.

Contra-Indications:

Contraindicated in known hypersensitivity to Ambroxol or Bromhexine.

Precautions:

Ambroxol should be given cautiously to patients with gastric and duodenal ulceration or convulsive disorders. Patients with hepatic and renal insufficiency should take it with caution.

Drug Interaction:

Ambroxol should not be taken simultaneously with antitussives (e.g. Codeine) because phlegm, which has been liquefied by Ambroxol might not be expectorated.

Use in Pregnancy and Lactation:

Teratogenic and foetal toxicity studies have shown no harmful effect of Ambroxol. However, it is advised not to use it in pregnancy, especially during the 1st trimester. Safety during lactation has not been established yet.

Storage Condition:

Protect from direct light exposure.

Store in cool and dry place, at a temperature not exceeding 30°C.

Keep out of the reach of children.

Commercial Pack:

Ambroxol Syrup: Glass bottle contains 100 ml syrup and a measuring cup.

Ambroxol-75 SR Capsule: Each box containing 3 x 10 capsules in blister pack.

Ambroxol PD: Glass bottle contains 15 ml paediatric drop & a dropper.

Manufactured by



For further query on the use of this medicine, consult to a registered Doctor or Pharmacist.