

# Nexol

Ambroxol Hydrochloride BP

## Composition

**Nexol Syrup:** Each 5 ml syrup contains Ambroxol Hydrochloride BP 15 mg.

**Nexol Paediatric Drops:** Each ml paediatric drops contains Ambroxol Hydrochloride BP 6 mg.

## Pharmacology

Ambroxol is a metabolite of bromhexine. It is an expectoration improver and mucolytic agent used in the treatment of acute and chronic disorders characterized by the production of excess or thick mucus. It causes the formation of qualitatively different mucus of lower viscosity by the mucus-secreting cells and thus leads to a liquefaction of mucus in the lumen of the respiratory tract. Expectoration of mucus is facilitated and breathing is eased remarkably. Ambroxol also 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 patency.

## 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 & Administration:

Average daily dose (preferably after meal):

### Nexol Syrup:

- |                         |  |
|-------------------------|--|
| 2-5 years old           | : 2.5 ml (1/2 teaspoonful) 2-3 times daily |
| 5-10 years old          | : 5 ml (1 teaspoonful) 2-3 times daily     |
| 10 years old and adults | : 10 ml (2 teaspoonful) 3 times daily      |

### Nexol Paediatric Drops:

- |                 |                       |
|-----------------|-----------------------|
| ≤ 6 months old  | : 0.5 ml twice daily  |
| 6-12 months old | : 1 ml twice daily    |
| 1-2 years old   | : 1.25 ml twice daily |

## Contraindication:

Contraindicated in known hypersensitivity to Ambroxol or Bromhexine.

## 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.

## Precautions:

Ambroxol should be given cautiously to patients with gastric and duodenal ulceration or convulsive disorders. Caution should be taken in Patients with hepatic and renal insufficiency.

## Use in special group:

### Use in Pregnancy :

Although no evidence has been obtained (even at high dosage levels) of teratological activity administration is not recommended during the first trimester of pregnancy.

### Use in Lactation :

Safety during lactation has not yet been established.

## Drug interactions

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

## Storage

- Store below 30°C, keep in dry place & protect from light.
- Keep out of the reach of children.

## Packing

**Nexol Syrup:** Bottle contains 100 ml syrup.

**Nexol Paediatric Drops:** Bottle contains 15 ml paediatric drops.

Manufactured by:  
 **ARISTOPHARMA LTD.**  
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