

BROMEX

UNIQUE FORMULATION FOR UNIQUE RELIEF

Bromhexine

A systemically active mucolytic agent acting at the source of phlegm (responsible for chesty/ Productive Cough) - the Brochi, well known for its Efficacy and safety profile.

Menthol

A counterirritant, local anesthetic and antitussive.

BROMEX

- ✓ A highly effective antitussive preparation
- ✓ Quick onset of action
- ✓ Smooth, soothing relief
- ✓ More natural expectation of phlegm

Devoid of limitations of common Cough Remedies.

- Non Drowsy
- Non-addictive
- Safe for all age groups
- No Alcohol
- Pleasant Taste

PRESENTATION:

Bromex® is presented as a fruity flavor syrup containing 4mg of Bromhexine in each 5ml of supply.

Bromex® is an active mucolytic agent with an immediate rapid onset of action, this action is clinically manifested by increasing production of sputum which becomes evident after 2-3 days from the initiation of treatment. The breakdown of acid mucopolysaccharide fibers makes the sputum thinner and less viscid and therefore more easily removed by coughing. Although the sputum is eventually decreased, it's maintained. There is also an increase response to drugs like Abupent Orciprenaline-Sulphate and Fenaterol Hydrobromide which are bronchodilators. The elixir is suitable for diabetics and small children.

Bromhexine Hydrochloride is rapidly absorbed from the gastro intestinal tract and 85-90-% of a dose is excreted in the urine mainly as metabolite such as Ambroxol which has similar use.

INDICATIONS

Bromex[®] is indicated for productive chesty cough and conditions associated with congestion of the bronchi.

Bromex[®] can be used in the treatment of tracheobronchitis, emphysema with bronchitis chronic inflammatory pulmonary conditions, bronchiectasis and broncho spasm, asthma and pneumoconiosis.

CONTRAINDICATIONS

Mild gastro-intestinal side effects may occur.

INTERACTIONS

Not known

TETRA TOGENECITY

Although studies in animals have given no suggestion that Bromex has any teratogenic effect in humans, it advisable to avoid use during the first trimester of pregnancy.

FIGHT THE COUGH, FIGHT THE BACTERIA

Amongst mucolytic tested for anti-adherence activity against bacteria, **Bromex** significantly reduces the adherence of the tested clinical isolate (which include P. Aeruginosa, E. Coli, and staphylococcal isolates) *more than other mucolytic*.

<i>Mucolytic</i>	<i>Maximum Anti-Adherence Activity Against Bacteria (%)</i>
Bromex	98
Ammonium Chloride	75
Ammonium Acetate	54
Guaiphenesin	Not Significant
Carbocysteine	Not Significant

DOSAGE

Babies	-	1.25ml (1/4 teaspoonful)
Children under 5yrs	-	2.5ml (1/2 teaspoonful)
Children -5-10yrs	-	5ml (1 teaspoonful)
Adult	-	10ml (2 teaspoonful)

This dosage is repeated three times a day.

For the adult, it may be necessary at the beginning of the treatment to take 20ml (4 teaspoonful).

Reference

- MG Belvis: Current and future drugs for the treatment of cough
- San' Ambrogio FB & Anderson JW: Effect of-menthol on laryngeals. J Appl Physio 1991; 70:78893

- Hafez MM et Al: Activity of some Mucolytic against Bacterial Adherence to Mammalian Cell: Appl Biochem Bioethanol. 2008 August 12 (Downloaded)