

# Cufsniff LS Syrup

**Levosalbutamol (1mg/5ml) + Ambroxol (30mg/5ml) + Guaifenesin (50mg/5ml) Syrup: Information Guide**

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## Description

Levosalbutamol (1mg/5ml), Ambroxol (30mg/5ml), and Guaifenesin (50mg/5ml) syrup is a combination medication used to treat respiratory conditions that involve bronchospasm, excessive mucus production, and difficulty in clearing the airways. This formulation is particularly effective in conditions such as asthma, chronic obstructive pulmonary disease (COPD), and bronchitis.

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## Composition (per 5ml)

- **Levosalbutamol: 1mg (Bronchodilator)**
  - **Ambroxol: 30mg (Mucolytic agent)**
  - **Guaifenesin: 50mg (Expectorant)**
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## Mechanism of Action

- 1. Levosalbutamol:**
  - A selective beta-2 adrenergic agonist that works by relaxing the smooth muscle in the airways, which helps to dilate the bronchi and make breathing easier. It helps to relieve bronchospasm and improve airflow in conditions like asthma and COPD.
- 2. Ambroxol:**
  - A mucolytic agent that breaks down and thins the mucus in the airways, making it easier to clear. This reduces the viscosity of

mucus and facilitates expectoration, improving respiratory function.

- 3. Guaifenesin:**

- An expectorant that increases the volume and reduces the viscosity of bronchial secretions. It helps in the expulsion of mucus, improving the ability to cough up and clear the airways.
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## Indications

Levosalbutamol + Ambroxol + Guaifenesin syrup is indicated for the treatment of:

- **Asthma: To relieve bronchospasm and promote mucus clearance.**
  - **Chronic Obstructive Pulmonary Disease (COPD): For the management of bronchospasm and mucus retention.**
  - **Chronic and Acute Bronchitis: To help clear mucus and ease coughing.**
  - **Respiratory Tract Infections: Associated with excessive mucus production and difficulty in expectoration.**
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## Dosage and Administration

- **Adults:**
  - 10ml (2 teaspoons) 2–3 times daily or as prescribed by your doctor.
- **Children (6–12 years):**
  - 5ml (1 teaspoon) 2–3 times daily or as directed by a healthcare provider.
- **Children (2–6 years):**
  - 2.5ml (½ teaspoon) 2–3 times daily, or as recommended by the doctor.

## Administration:

- **Shake the bottle well before each use.**
  - **Take the syrup after meals for better tolerance.**
  - **Do not exceed the prescribed dose.**
  - **Always measure the dose using the provided spoon or a proper measuring device.**
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## Contraindications

- **Hypersensitivity to Levosalbutamol, Ambroxol, Guaifenesin, or any other ingredient in the syrup.**
  - **Patients with severe cardiovascular disorders, such as uncontrolled hypertension or arrhythmias.**
  - **Severe renal or hepatic impairment.**
  - **Patients with active peptic ulcers or gastrointestinal bleeding.**
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## Warnings and Precautions

- **Cardiovascular Risk:** Levosalbutamol may increase heart rate and blood pressure. It should be used with caution in patients with a history of heart disease or hypertension.
- **Glaucoma:** Caution is advised for patients with glaucoma due to the potential increase in intraocular pressure.
- **Pregnancy and Lactation:** This medication should be used only if prescribed by a healthcare professional during pregnancy or lactation.
- **Gastrointestinal Disorders:** Patients with a history of gastrointestinal ulcers should use this medication with caution, as it may exacerbate symptoms.

- **Children:** Use with caution in children under 2 years of age. Always consult a pediatrician for dosage adjustments.
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## Adverse Effects

- **Common:**
    - Nausea, dry mouth, dizziness, headache, stomach upset, or mild cough.
  - **Less Common:**
    - Palpitations, tremors, nervousness, or gastrointestinal discomfort.
  - **Serious (Rare):**
    - Paradoxical bronchospasm, allergic reactions (e.g., rash, itching, swelling), severe dizziness, chest pain, or difficulty breathing.
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## Drug Interactions

- **Beta-blockers:** May reduce the effectiveness of Levosalbutamol and may increase the risk of bronchospasm.
  - **Other Bronchodilators:** The combination with other bronchodilators may enhance side effects such as tremors, tachycardia, and nervousness.
  - **Cough Suppressants:** Caution should be used when combined with other cough suppressants, as they may interfere with productive coughing.
  - **Anticholinergics:** Use with caution when combined with other anticholinergic medications.
  - **Diuretics:** Use of diuretics with Levosalbutamol may increase the risk of hypokalemia.
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## Storage

- **Store in a cool, dry place, away from direct light and moisture.**
  - **Keep the bottle tightly closed when not in use.**
  - **Keep out of reach of children.**
  - **Do not use after the expiration date printed on the label.**
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## **Key Points**

- **This combination syrup effectively manages respiratory symptoms by relieving bronchospasm, thinning mucus, and aiding in mucus clearance.**
  - **Always use the prescribed dose, and do not exceed the recommended amount.**
  - **Shake the bottle well before use to ensure proper mixing.**
  - **If symptoms persist or worsen, consult your healthcare provider for further evaluation.**
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**Note: This medication should be used under the supervision of a healthcare provider. If you experience any severe or unexpected side effects, contact your healthcare provider immediately.**

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