

Brand Name: TIFEX-LS

Composition: Ambroxol Hydrochloride & Levosalbutamol Sulphate IP equivalent to Levosalbutamol & Guaiphenesin

Dosage Form: SYRUP

Category: Expectorant & Bronchodilator

Packaging Type: Pet Bottle

Packaging: 100 ML

Brief Product Information:

TIFEX-LS is a combination syrup formulated and manufactured by **AstraEureka Pharmaceutical**, a trusted manufacturer of composition containing **Ambroxol Hydrochloride**, **Levosalbutamol**, and **Guaiphenesin**. It is designed to provide multi-action relief from respiratory conditions associated with cough, mucus production, and bronchospasm. The syrup acts as a mucolytic, bronchodilator, and expectorant, offering comprehensive relief in both upper and lower respiratory tract infections.

Composition:

Each 5 ml contains:

- Ambroxol Hydrochloride IP.....30 mg
- Levosalbutamol Sulphate IP equivalent to Levosalbutamol.....1 mg
- Guaiphenesin IP.....50 mg
- Flavoured Syrup Base.....q.s

Key Ingredients:

- **Ambroxol Hydrochloride (30 mg):** A mucolytic agent that breaks down and thins mucus in the airways, making it easier to cough out.
- **Levosalbutamol (1 mg):** A bronchodilator that relaxes the airway muscles and improves airflow into the lungs.
- **Guaiphenesin (50 mg):** An expectorant that increases the volume and reduces the viscosity of secretions in the trachea and bronchi, aiding in their removal through coughing.
- **Flavoured Syrup Base:** Improves taste and compliance, especially in pediatric and geriatric patients.

Key Benefits:

1. Provides triple-action relief: mucolytic, expectorant, and bronchodilator.
2. Eases coughing by clearing airway congestion and reducing mucus thickness.

3. Enhances breathing by relaxing bronchial muscles and reducing airway resistance.
4. Rapid onset of action with sustained relief from respiratory distress.
5. Suitable for patients suffering from acute or chronic respiratory conditions.

Indications:

1. Productive cough with thick mucus
2. Bronchitis (acute and chronic)
3. Bronchial asthma
4. Chronic obstructive pulmonary disease (COPD)
5. Pneumonia and other lower respiratory tract infections
6. Allergic respiratory conditions causing airway congestion
7. Upper respiratory tract infections with sputum retention

Directions for Use:

1. Shake the bottle well before use to ensure uniform dispersion of active ingredients.
2. Administer using a clean, calibrated measuring spoon or cup.
3. Can be taken with or without food.
4. Use only as prescribed by a physician.

Doses and Administration:

1. **Adults and children above 12 years:** 5 ml to 10 ml twice or thrice daily as directed by the physician
2. **Children (6-12 years):** 5 ml two to three times daily
3. **Children (2-6 years):** 2.5 ml to 5 ml twice daily
4. Dosage must be individualized based on patient age, severity of symptoms, and physician's recommendation
5. Do not exceed recommended dose

Safety Information:

1. Use under medical supervision only
2. Monitor patients for signs of allergic reactions such as rashes or breathing difficulty
3. Caution in patients with cardiovascular disorders, hypertension, or peptic ulcers
4. Not recommended in patients with a known history of hypersensitivity to any component
5. Avoid use with other cough or cold medications without physician advice

6. Use with caution during pregnancy and lactation

Mechanism of Action:

- **Ambroxol Hydrochloride** acts on mucus-secreting cells, reducing mucus viscosity, and facilitating its transport through the airways.
- **Levosalbutamol** stimulates beta-2 adrenergic receptors in the bronchial muscles, causing smooth muscle relaxation and bronchodilation, improving airflow and reducing respiratory distress.
- **Guaiphenesin** reduces the thickness and stickiness of bronchial secretions, making them easier to expel during coughing.
- The combination provides synergistic action in clearing mucus, opening the airways, and reducing inflammation-induced cough.

Contraindications:

1. Hypersensitivity to Ambroxol, Levosalbutamol, Guaiphenesin, or related compounds
2. Patients with severe cardiac arrhythmias
3. History of peptic ulcer (use with caution due to risk of GI irritation)
4. Uncontrolled hypertension
5. Hyperthyroidism (due to bronchodilator component)

Side Effects:

1. Common: Nausea, vomiting, dry mouth, dizziness, headache
2. Rare: Palpitations, tremors, nervousness, rash
3. Serious (rare): Bronchospasm, allergic reactions, irregular heartbeat
4. Inform your healthcare provider if any side effects persist or worsen

Important Notice:

- TIFEX-LS is a **prescription-only** product
- Not suitable for self-medication
- Avoid combining with other bronchodilators or antihistamines unless advised by a physician
- Do not use in children under 2 years unless specifically prescribed
- Complete the prescribed course for effective symptom control

Storage Condition:

1. Store at room temperature below 25°C
2. Protect from moisture, direct sunlight, and heat
3. Do not freeze

4. Keep bottle tightly closed after use
5. Keep out of reach of children

Packing Information:

- **Primary Container:** Pet Bottle with Try pack
- **Volume:** 100 ML

