

Brand Name: TIFEX-AM SYRUP

Composition: Hi-Fiber Laxative

Dosage Form: SYRUP

Category: Expectorant, Bronchodilator, Mucolytic Combination

Packaging Type: PET BOTTLE

Packaging: 100 ml & 60 ml

Brief Product Introduction:

TIFEX-AM SYRUP is a powerful triple-action cough formulation manufactured by **AstraEureka Pharmaceutical**, combining a mucolytic (Ambroxol), a bronchodilator (Terbutaline), an expectorant (Guaiphenesin), and a soothing agent (Menthol). This balanced combination is designed to relieve productive cough associated with respiratory tract infections, bronchitis, asthma, and other obstructive airway conditions by loosening mucus, dilating airways, and soothing the throat.

Composition:

Each 5 ml contains:

- Ambroxol Hydrochloride IP.....15 mg
- Terbutaline Sulphate IP.....1.25 mg
- Guaiphenesin IP.....50 mg
- Menthol.....2.5 mg
- Flavoured Syrupy Base.....q.s.

Key Ingredients:

- **Ambroxol Hydrochloride:** A mucolytic agent that breaks down thick mucus, facilitating its clearance from the respiratory tract.
- **Terbutaline Sulphate:** A beta-2 agonist that relaxes bronchial smooth muscles, helping to relieve bronchospasm.
- **Guaiphenesin:** An expectorant that increases the volume and reduces the viscosity of secretions in the trachea and bronchi.
- **Menthol:** Provides a cooling effect and temporary relief from throat irritation.

Key Benefits:

- Helps clear mucus from airways and lungs
- Eases coughing by loosening and thinning phlegm
- Relieves chest congestion and bronchial irritation
- Reduces inflammation and spasm in the respiratory tract
- Soothes sore throat and enhances patient comfort
- Supports easier breathing and improved oxygen intake

Indications:

- Productive cough
- Acute and chronic bronchitis
- Bronchial asthma (as an adjunct therapy)
- Chronic obstructive pulmonary disease (COPD)
- Bronchospasm with mucus hypersecretion
- Cough associated with upper and lower respiratory tract infections

Directions for Use:

- Shake the bottle well before use
- Measure the required dose with a proper measuring cup
- Can be taken with or without food
- Use exactly as directed by a healthcare professional

Dosage and Administration:

- Adults and children above 12 years: 10 ml, 2–3 times daily
- Children 6–12 years: 5 ml, 2–3 times daily
- Children 2–6 years: 2.5 ml, 2–3 times daily (only under medical supervision)
- Dosage may vary depending on age, condition, and physician's advice

Safety Information:

- Use under medical supervision, especially in children and elderly
- Caution in patients with cardiovascular disorders, diabetes, or seizure history
- Avoid use with other bronchodilators without physician consultation
- Not to be used in persistent or chronic cough without medical evaluation
- Do not exceed the recommended dose

Mechanism of Action:

- **Ambroxol** enhances mucus clearance by breaking down mucopolysaccharide fibers, thereby decreasing mucus viscosity.
- **Terbutaline** stimulates beta-2 adrenergic receptors in bronchial smooth muscles, leading to bronchodilation and improved airflow.
- **Guaiphenesin** acts on the respiratory tract by increasing hydration of secretions, promoting productive cough.
- **Menthol** provides a mild local anesthetic and decongestant effect, reducing throat irritation and nasal congestion.

Together, these components provide synergistic relief from productive cough and facilitate easier breathing.

Contraindications:

- Hypersensitivity to any of the ingredients
- Severe cardiac disorders or arrhythmias
- Hyperthyroidism or uncontrolled hypertension
- Peptic ulcer (caution with Guaiphenesin)
- Not recommended for children below 2 years unless prescribed

Side Effects:

- Nervousness, tremors, or palpitations (due to Terbutaline)
- Mild gastrointestinal disturbances like nausea or vomiting
- Headache or dizziness
- Allergic skin reactions (rash, itching)
- Dry mouth or throat

Important Notice:

- TIFEX-AM SYRUP is intended for the relief of symptoms associated with productive cough and should not be used as a standalone treatment for serious respiratory conditions.
- Consult a physician if cough persists for more than 7 days or is accompanied by high fever, rash, or persistent headache.
- Avoid concurrent use with sedatives or alcohol.

Storage Condition:

1. Store at a temperature below 30°C.
2. Protect from direct sunlight and moisture.
3. Do not refrigerate.
4. Keep the bottle tightly closed after use.
5. Keep out of reach of children.

Packing Information:

- **Packaging Type:** pet bottle with try pack
- **Available Pack Sizes:** 100 ml and 60 ml.