# Information For the User Levosalbutamol (50mcg) + Ipratropium (20mcg)

# **Critsil Inhaler**

Levosalbutamol (50 mcg) + Ipratropium Bromide (20 mcg) Inhaler

# **Description**

This combination inhaler contains Levosalbutamol and Ipratropium Bromide, which work together to provide effective bronchodilation for the management of obstructive airway diseases such as asthma and chronic obstructive pulmonary disease (COPD). It relieves bronchospasm, reduces airway resistance, and improves breathing.

## **Composition**

#### **Each actuation delivers:**

- Levosalbutamol: 50 mcg (Short-acting β2-agonist)
- Ipratropium Bromide: 20 mcg (Anticholinergic bronchodilator)

**Propellant: Hydrofluoroalkane (HFA)** 

# **Pharmacological Action**

- 1. Levosalbutamol: A selective β2-adrenergic agonist that relaxes bronchial smooth muscles, providing rapid relief from bronchospasm.
- 2. Ipratropium Bromide: A muscarinic antagonist that reduces bronchoconstriction and inhibits mucus secretion by blocking acetylcholine at muscarinic receptors.

The combination provides quick and sustained relief from airway obstruction and improves airflow.

#### **Indications**

This inhaler is indicated for:

- Asthma: Management and prevention of bronchospasms.
- Chronic Obstructive Pulmonary Disease (COPD): Including chronic bronchitis and emphysema.
- Acute bronchospasm: Associated with obstructive airway diseases.

# **Dosage and Administration**

- Adults and Children (12 years and older): 2 puffs (actuations) every 6 hours, or as directed by a physician.
- Maximum Dose: Do not exceed 12 puffs in 24 hours.

#### **Instructions for Use:**

- 1. Shake the inhaler well before use.
- 2. Remove the cap and exhale completely.
- 3. Place the mouthpiece between your lips, ensuring a tight seal.
- 4. Press down on the inhaler to release the medication while inhaling deeply and slowly.
- 5. Hold your breath for a few seconds, then exhale slowly.
- 6. Replace the cap after use.

#### **Contraindications**

- Hypersensitivity to Levosalbutamol, Ipratropium, or any excipients.
- Patients with hypertrophic obstructive cardiomyopathy or severe cardiac arrhythmias.

## **Precautions**

 Use cautiously in patients with cardiovascular disorders, hyperthyroidism, diabetes, or seizure disorders.

- Avoid use in patients with narrow-angle glaucoma or urinary retention unless prescribed.
- Do not exceed the recommended dose.
- Rinse your mouth with water after use to reduce the risk of oral irritation or infections.

# **Adverse Effects**

- Common: Dry mouth, throat irritation, mild tremors, or palpitations.
- Less common: Dizziness, headache, nausea, or increased heart rate.
- Rare: Allergic reactions such as rash, swelling, or difficulty breathing.

Seek immediate medical attention if severe adverse reactions occur.

# **Storage Instructions**

- Store at room temperature (below 30°C).
- Protect from direct sunlight and freezing.
- · Keep out of reach of children.

#### **Presentation**

Available in a 200-metered dose inhaler (MDI).

Note: This inhaler is a symptomatic relief medication and should be used as prescribed by a healthcare professional. It is not intended for the immediate treatment of life-threatening asthma or acute COPD exacerbations.

Manufactured in India for:



Cafoli Lifecare Pvt. Ltd.

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