

# Monplast LC Syrup

## Composition (per 5ml):

- **Levocetirizine Dihydrochloride I.P.** – 2.5 mg
- **Montelukast Sodium I.P.** – 4 mg (as Montelukast)

## Description:

Monplast LC Syrup is a combination of an antihistamine (Levocetirizine) and a leukotriene receptor antagonist (Montelukast), formulated to provide effective symptomatic relief in allergic rhinitis and asthma-related conditions. Levocetirizine blocks histamine H1 receptors, reducing allergy symptoms, while Montelukast inhibits leukotrienes responsible for inflammation, nasal congestion, and bronchoconstriction.

## Indications:

- Allergic rhinitis (seasonal and perennial)
- Asthma prophylaxis (as add-on therapy)
- Chronic idiopathic urticaria
- Relief from sneezing, runny nose, nasal congestion, and itching

## Mechanism of Action:

Levocetirizine is a potent and selective inverse agonist of histamine H1 receptors, reducing the effects of histamine in allergic reactions. Montelukast selectively blocks leukotriene D4 at the cysteinyl leukotriene receptor in the lungs and nasal passages, leading to decreased inflammation and bronchoconstriction.

## Dosage and Administration:

- **Children (6 months to 5 years):** As directed by the physician
- **Children above 6 years & Adults:** 5 ml once daily or as prescribed
- Should be administered in the evening for allergic rhinitis; can be taken with or without food

## Contraindications:

- Known hypersensitivity to Levocetirizine, Montelukast, or any excipients
- Severe renal impairment for Levocetirizine component

## Precautions:

- Use with caution in patients with hepatic or renal dysfunction
- Avoid concomitant use with alcohol or other CNS depressants
- Not indicated for acute asthma attacks
- Monitor for behavioral or mood changes in pediatric patients

## Side Effects:

- Drowsiness, fatigue, dry mouth (Levocetirizine)
- Headache, abdominal pain, diarrhea (Montelukast)
- Rare: Mood changes, agitation, hypersensitivity reactions

**Storage:**

- Store below 25°C
- Protect from light and moisture
- Keep out of reach of children

Manufactured in India for:



**Cafoli Lifecare Pvt. Ltd.**

**(An ISO 9001: 2015 Certified Co.)**

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