

Brand Name: MEFO-P SUSPENSION

Composition: Mefenamic Acid & Paracetamol suspension

Dosage Form: SUSPENSION

Category: Analgesic, Antipyretic, Anti-inflammatory

Packaging Type: PET BOTTLE

Packaging: 60 ML

Brief Product Information:

MEFO-P is a pediatric suspension combining the therapeutic effects of **Mefenamic Acid** and **Paracetamol**, formulated and manufactured by **AstraEureka Pharmaceutical**, a trusted **manufacturer of composition** for pediatric and general analgesic formulations. MEFO-P provides fast and effective relief from fever, pain, and inflammation, especially in children suffering from febrile illnesses, teething, or post-vaccination discomfort.

Composition:

Each 5 ml contains

mefenamic acid IP.....	100 mg
paracetamol IP.....	250 mg
flavoured syrup base.....	q.s.

Key Ingredients:

1. **Mefenamic Acid IP 100 mg (per 5 ml):** A non-steroidal anti-inflammatory drug (NSAID) with analgesic and antipyretic properties.
2. **Paracetamol IP 250 mg (per 5 ml):** A centrally acting antipyretic and mild analgesic for fever and pain control.
3. **Flavoured Syrup Base Q.S.:** Provides a sweet, pleasant taste to ensure better acceptance in children.

Key Benefits:

1. Dual-action formula for effective relief from fever and pain.
2. Reduces inflammation and associated discomfort.
3. Provides quick symptom relief in febrile illnesses.
4. Pediatric-friendly taste and dosage format.
5. Useful in both infectious and non-infectious causes of fever or pain.
6. Enhances child comfort during teething, cold, flu, or post-immunization.

Indications:

1. Febrile conditions in children
2. Mild to moderate pain (headache, toothache, earache)

3. Musculoskeletal pain or sprain
4. Post-vaccination fever and discomfort
5. Sore throat and fever due to upper respiratory tract infections
6. Dental or teething pain in children

Directions for Use:

1. Shake the bottle thoroughly before each use.
2. Administer orally using the measuring cup or spoon provided.
3. Give after meals to reduce the risk of gastric irritation.
4. Use only as directed by a physician or pediatrician.
5. Maintain a proper dosing interval (usually 6 to 8 hours).

Doses and Administration:

1. **Children:**
 - Generally 5 ml every 6–8 hours or as prescribed, based on body weight and age.
2. **Maximum Daily Dose:**
 - Not more than 4 doses in 24 hours.
3. **Infants under 6 months:** Use only under medical supervision.
4. Do not exceed recommended dose or duration of treatment.

Safety Information:

1. Administer after food to minimize gastric irritation.
2. Do not exceed the prescribed dosage.
3. Not recommended in children with known kidney or liver impairment without medical supervision.
4. Discontinue if any allergic or unusual reactions occur.
5. Use with caution in children with a history of asthma or hypersensitivity to NSAIDs.

Mechanism of Action:

- **Mefenamic Acid** works by inhibiting the enzyme **cyclooxygenase (COX-1 and COX-2)**, which plays a key role in the synthesis of **prostaglandins**, chemicals responsible for pain, inflammation, and fever.
- **Paracetamol** acts centrally by blocking COX enzymes in the brain, particularly in the hypothalamic region responsible for thermoregulation, thus reducing fever and mild pain.
- Together, this combination offers **synergistic antipyretic and analgesic action**, making MEFO-P highly effective for pediatric fever and associated discomfort.

Contraindications:

1. Known hypersensitivity to Mefenamic Acid, Paracetamol, or excipients.
2. Active peptic ulcer or gastrointestinal bleeding.
3. Severe hepatic or renal impairment.
4. Children with a history of asthma or NSAID sensitivity.
5. Concomitant use with other NSAIDs or paracetamol-containing products without medical advice.

Side Effects:

1. Gastric irritation, nausea, or vomiting
2. Diarrhea or abdominal pain
3. Drowsiness (rare)
4. Allergic reactions (rash, itching, swelling)
5. Rare: Hepatic dysfunction or blood disorders with prolonged use or overdose

Important Notice:

1. MEFO-P is for pediatric use under medical supervision.
2. Avoid concurrent use with other NSAIDs or medications containing paracetamol.
3. Seek immediate medical help in case of overdose.
4. Discontinue use and consult a doctor if symptoms persist beyond 3 days.
5. Use only the provided measuring device to ensure accurate dosing.

Storage Condition:

1. Store below 25°C in a cool, dry place.
2. Protect from sunlight and moisture.
3. Do not freeze.
4. Keep the bottle tightly closed and out of reach of children.

Packing Information:

1. Packaging Type: PET BOTTLE
2. Packaging: 60 ML
3. Provided with a calibrated measuring cup