

Mucipoly Plus Injection

Brand Name: Mucipoly Plus Injection

Dosage Form: Injection

Therapeutic Category: Mucolytic & Antioxidant

Composition:

Each 5 ml contains:

- **Acetylcysteine B.P.** – 20% w/v
- **Water for Injection B.P.** – q.s.

Description:

Mucipoly Plus Injection contains **Acetylcysteine**, a well-known mucolytic agent and precursor to glutathione. It is primarily used to break down mucus in the airways, facilitating expectoration, and as an antidote for paracetamol overdose due to its hepatoprotective properties.

Indications:

- Paracetamol (acetaminophen) poisoning
- Mucolytic therapy in respiratory tract disorders (e.g., bronchitis, COPD, cystic fibrosis)
- Hepatoprotection in acute liver failure (adjunctive)

Pharmacological Action:

Acetylcysteine acts by breaking disulfide bonds in mucus glycoproteins, reducing viscosity and promoting clearance. As a precursor of glutathione, it also helps replenish intracellular glutathione stores, aiding in detoxification of harmful metabolites.

Dosage and Administration:

- **For Paracetamol Overdose:** As per standard N-acetylcysteine IV protocol (e.g., 150 mg/kg over 1 hour followed by maintenance doses)
- **As Mucolytic:** Dosage to be administered under physician's supervision
Route: Intravenous (I.V.) or Intramuscular (I.M.) as directed

Contraindications:

- Hypersensitivity to Acetylcysteine
- Active peptic ulcer
- Severe asthma (caution required)

Precautions and Warnings:

- Monitor for anaphylactoid reactions during IV administration
- Use with caution in patients with bronchial asthma
- Ensure adequate hydration during treatment

Adverse Effects:

- Nausea, vomiting
- Flushing, rash
- Bronchospasm (rare)
- Anaphylactoid reactions with IV use

Storage:

Store below 25°C. Protect from light. Do not freeze.

Manufactured in India for:



Cafoli Lifecare Pvt. Ltd.

(An ISO 9001: 2015 Certified Co.)

Plot no.: 367-FF, Industrial Area Phase-I,

Panchkula-134113

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