

INFUSOL[®] NAC

Acetylcysteine 200mg/mL Solution for Intravenous Infusion Sterile and Non-Pyrogenic



MAL22026018AZ

- ◆ Locally manufactured brand.
- ◆ Indication: Antidote for paracetamol poisoning.
- ◆ Recommended dosage: Diluted with Dextrose 5% and infused IV.

Dosage	Concentration	Dextrose 5%	Duration
Loading dose	150mg/kg	200mL	60 minutes
Second dose	50mg/kg	500mL	4 hours
Third dose	100mg/kg	1,000mL	16 hours

The reconstituted solution is stable for 24 hours at a temperature not exceeding 30°C.

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Acetylcysteine 200mg/mL Solution for Intravenous Infusion
Sterile and Non-Pyrogenic

Composition	Each 25mL of solution contains 5g Acetylcysteine.
Product description	INFUSOL[®] NAC is a clear and colourless solution.
Pharmacology	<p>N-acetylcysteine (NAC), active ingredient of INFUSOL[®] NAC, is a cysteine derivative provided with a free thiol (-SH) nucleophilic group which is able to interact directly with the electrophilic group of the oxidant radicals. Due to its molecular structure, NAC can easily cross the cellular membranes. Inside the cell, NAC is deacetylated to L-cysteine, an amino acid required for the synthesis of glutathione (GSH).</p> <p>Due to its antioxidant property and its effectiveness in promoting the synthesis of glutathione, NAC is used as a substrate contributing to the cellular protection from harmful agent which, through progressive GSH depletion, would be able to express their cytotoxic action as in the case of paracetamol poisoning that may lead to hepatic failure, encephalopathy and death.</p> <p>NAC administration is effective in the prevention of liver damage maintaining an adequate GSH level. The efficacy of the treatment is most likely to occur when it started early.</p>
Route of administration	Intravenous (I.V)
Contraindication	Known hypersensitivity to the drug or to other chemically related substances. Contraindicated in children under 2 years old.
Storage condition: before and after dilution	Do not store above 30°C.
Shelf life	3 years from manufacturing date in the proposed storage condition. The solution to be used within 24 hours after dilution.
Dosage form and packaging available	25mL x 20 glass vials per box