

Urocid-N

Potassium Citrate BP & Citric Acid Monohydrate BP

Composition

Urocid-N 100 ml oral solution: Each 5 ml solution contains Potassium Citrate BP 1500 mg and Citric Acid Monohydrate BP 250 mg.

Urocid-N 200 ml oral solution: Each 5 ml solution contains Potassium Citrate BP 1500 mg and Citric Acid Monohydrate BP 250 mg.

Pharmacology

Potassium Citrate and Citric Acid oral solution is a stable and pleasant-tasting oral systemic alkali. Potassium Citrate is absorbed and metabolized to Potassium Bicarbonate, thus acting as a systemic alkali. This product alkalinizes the urine without producing a systemic alkalosis in recommended doses. It is highly palatable, pleasant tasting and tolerable, even when administered for long periods. Potassium Citrate does not neutralize the gastric juice or disturb digestion.

Indication

- To relieve discomfort in urinary tract infections
- To prevent kidney stone
- With uricosuric agent to prevent gout
- Acidosis caused by kidney diseases

Dose and Administration

Route of administration: Oral

Indication	Age	Dosage	Remarks
• To relieve discomfort in UTI	Adults and children (over 6 years)	10 ml 3 times daily	diluted with 1 glass of water
	Children (1 - 6 years)	5 ml 3 times daily	diluted with 1/2 glass of water
• To prevent kidney stone • With uricosuric agent to prevent gout • Acidosis caused by kidney diseases	Adults	10-15 ml 4 times daily; or as directed by the physician	diluted with 1 glass of water
	Pediatric	5-10 ml 4 times daily; or as directed by the physician	diluted with 1/2 glass of water

Contraindication

The drug is contraindicated in severe renal impairment with oliguria or azotemia, untreated Addison's disease, acute dehydration, severe myocardial damage and hyperkalemia from any cause.

Warning and Precaution

The solution should be used with caution in patients with low urinary output. It should be diluted adequately with water to minimize the possibility of gastrointestinal injury associated with the oral ingestion of concentrated Potassium salt preparations; and preferably, to take each dose after meals. Large doses may cause hyperkalemia and alkalosis, especially in the presence of renal disease.

Side Effects

Common: This solution is generally well tolerated without any unpleasant side effect when given in recommended doses to patients with normal renal function and urinary output. However, as with any alkalinizing agent, caution must be used in certain patients with abnormal renal mechanisms to avoid development of hyperkalemia or alkalosis. Potassium intoxication causes listlessness, weakness, mental confusion, tingling of extremities and other symptoms associated with a high concentration of Potassium in the serum.

Rare: High levels of Potassium in the blood, stomach or intestinal ulcer, irritation of the stomach or intestines, blockage of the stomach or intestine, bleeding of the stomach or intestines, a rupture in the wall of the stomach or intestine.

Use in Pregnancy and Lactation

No information is available regarding the use of this drug during pregnancy and lactation.

Use in Children & Adolescents

See the dose and administration.

Drug Interaction

With medicine: Concurrent administration of potassium-containing medication, potassium-sparing diuretics, angiotensin-converting enzyme (ACE) inhibitors or cardiac glycosides may lead to toxicity.

With food & Others: No adequate data found.

Overdose

The administration of oral Potassium salts to persons with normal excretory mechanisms for potassium rarely causes serious hyperkalemia. However, if excretory mechanisms are impaired, hyperkalemia can result. Hyperkalemia, when detected, must be treated immediately because lethal levels can be reached in a few hours. If hyperkalemia occurs, treatment measures will include the followings: (1) Elimination of foods or medications containing potassium. (2) The intravenous administration of 300 to 500 ml/hr of dextrose solution (10 to 25%), containing 10 units of insulin/20 gm dextrose. (3) The use of exchange resins, hemodialysis or peritoneal dialysis.

Storage

Store below 30° C temperature. Keep in a cool and dry place, away from light. Keep out of the reach of children.

Packing

Urocid-N 100 ml oral solution: Each bottle contains 100 ml oral solution.

Urocid-N 200 ml oral solution: Each bottle contains 200 ml oral solution.