

# Diaseal<sup>®</sup>

Gliclazide

## COMPOSITION:

Diaseal<sup>®</sup> 80 Tablet : Each tablet contains Gliclazide BP 80 mg.

## PHARMACOLOGY:

Gliclazide (Diaseal<sup>®</sup>) is a second generation sulfonylurea drug that has hypoglycemic and potentially useful haemobiological properties. It stimulates the release of insulin from pancreatic cells by facilitating Ca<sup>+2</sup> transport across the cell membranes and decreases hepatic glucose output.

## INDICATION:

Gliclazide (Diaseal<sup>®</sup>) is indicated for the treatment of maturity onset diabetes mellitus (NIDDM) patients who require oral hypoglycemic drug.

## DOSE & ADMINISTRATION:

Oral route: The usual initial dose is 40 to 80 mg daily. The dose can be increased upto 320 mg daily in divided doses when needed. The drug should be taken before meal. For children Gliclazide is not used because it is contraindicated in juvenile onset diabetes.

## CONTRA-INDICATION:

Gliclazide should not be used in Juvenile-onset (type-1) diabetes, diabetes associated with ketosis, diabetic patients undergoing surgery, after severe injury or during infection, patients having hypersensitivity for sulfonylurea group of drugs, pregnant women and breast feeding mother, hepatic insufficiency.

## WARNING AND PRECAUTION:

Care should be exercised with patients having hepatic or renal impairment and a small starting dose should be used with careful patient monitoring. In long term clinical trials, patients with renal insufficiency have been treated satisfactorily using Gliclazide at reduced doses.

## SIDE EFFECTS:

There may be hypoglycaemia in concurrent conditions such as hepatic and renal disease, malnutrition, alcohol intoxication. Sometimes headache, gastrointestinal upsets, nausea, dizziness, skin reactions including rash, pruritus, erythema may occur.

## USE IN PREGNANCY & LACTATION:

Gliclazide is contraindicated in pregnant women. It should not be used in breast feeding mother.

## USE IN CHILDREN & ADOLESCENTS:

Gliclazide as with other sulphonylureas, is not indicated for the treatment of juvenile onset diabetes mellitus.

## DRUG INTERACTION:

The hypoglycaemic effects of Gliclazide may be increased by Aspirin, NSAIDs, Phenylbutazone, Clofibrate, Sulfonamide, Cimetidine, Imidazole antifungal agents and Monoamine Oxidase Inhibitors. The hypoglycaemic effect of Gliclazide some times may be reduced by Rifampin, Barbiturates, Phenytoin, Thiazide diuretics, Diazoxide, Glucocorticoids, Estrogens, Sympathomimetic drugs and occasionally Alcohol.

## OVERDOSE:

Accidental or deliberate over dosage leads essentially to signs of hypoglycemia. The treatment is gastric lavage and correction of hypoglycemia.

## STORAGE:

Store below 30° C. Protect from light & moisture. Keep out of the reach of children.

## PACKING:

Diaseal<sup>®</sup> 80 Tablet: Each box containing 3 x 10's tablets in Alu-PVC blister pack.