

Brand Name: ASTRAPRIDE M1 SR TABLET

Composition: Glimepiride IP & Metformin Hydrochloride(SR) IP 1000 mg

Dosage Form: TABLET

Category: Oral Antidiabetic (Sulfonylurea + Biguanide Combination)

Packaging Type: BLISTER

Packaging: 10 x 10

Brief Product Information:

ASTRAPRIDE M1 SR is an effective fixed-dose oral antidiabetic medication manufactured by **AstraEureka Pharmaceutical**, a reputed **manufacturer of composition** involving **Glimepiride** and **Metformin**. It is used for the management of Type 2 Diabetes Mellitus in adults, especially in patients who require dual therapy for optimal glycemic control. The combination targets both insulin secretion and insulin resistance.

Composition:

Each uncoated bilayer tablet contains:

Glimepiride IP..... 1 mg
Metformin Hydrochloride IP.....500 mg
Excipients.....q.s.

Key Ingredients:

- **Glimepiride 1 mg:** A sulfonylurea that stimulates insulin secretion from pancreatic beta cells.
- **Metformin Hydrochloride 500 mg:** A biguanide that reduces hepatic glucose production and enhances peripheral insulin sensitivity.
- **Pharmaceutical Excipients:** Ensure tablet stability, uniformity, and bioavailability.

Key Benefits:

- Dual-action for comprehensive control of blood glucose levels.
- Reduces insulin resistance and increases insulin release.
- Helps in achieving target HbA1c goals effectively.
- Cost-effective and convenient once/twice-daily dosing.
- Supports long-term management of Type 2 Diabetes Mellitus.

Indications:

- Type 2 Diabetes Mellitus (T2DM) in adults

- Patients uncontrolled on Metformin monotherapy
- As part of combination therapy for better glycemic control
- Can be used alongside dietary and lifestyle modifications

Directions for Use:

- Take the tablet whole with water, preferably with meals to reduce gastrointestinal discomfort.
- Do not break, crush, or chew the tablet.
- Follow the dosing schedule exactly as prescribed by the healthcare provider.
- Monitor blood glucose levels regularly during use.

Doses and Administration:

- **Usual Adult Dose:** One tablet once daily with breakfast or as directed by a physician
- Dose may be adjusted based on the patient's response and tolerance
- Not recommended for use in patients with severe renal or hepatic impairment without supervision
- Periodic review of dose and glycemic control is advised

Safety Information:

- Monitor blood glucose regularly to prevent hypoglycemia
- Use with caution in elderly patients or those with renal dysfunction
- Avoid alcohol intake as it may increase the risk of lactic acidosis with Metformin
- Ensure kidney function is monitored periodically
- Inform your doctor of all ongoing medications before starting therapy

Mechanism of Action:

- **Glimepiride:** Stimulates the release of insulin from functioning pancreatic beta cells by closing ATP-sensitive potassium channels, thereby reducing blood glucose levels.
- **Metformin:** Works by inhibiting hepatic gluconeogenesis, reducing glucose absorption in the intestines, and increasing insulin sensitivity in muscles and tissues.
- The combination addresses both impaired insulin secretion and insulin resistance, resulting in effective blood sugar control.

Contraindications:

- Hypersensitivity to Glimepiride, Metformin, or any component of the tablet
- Type 1 Diabetes Mellitus
- Diabetic ketoacidosis or diabetic coma
- Severe renal or hepatic impairment
- History of lactic acidosis

Side Effects:

- Common: Nausea, metallic taste, bloating, diarrhea, headache, dizziness
- Hypoglycemia: Especially if dosage is not aligned with food intake or physical activity
- Rare: Lactic acidosis (serious, life-threatening), allergic reactions, anemia
- Report any unusual fatigue, muscle pain, rapid breathing, or confusion to a healthcare provider immediately

Important Notice:

- ASTRAPRIDE M1 FORTE is a **prescription-only** medication
- Should be used under medical supervision, especially in patients with renal, hepatic, or cardiovascular conditions
- Not intended for use in children
- Lifestyle management (diet and exercise) is crucial for optimal outcomes
- Do not stop or change the dose without consulting your physician

Storage Condition:

- Store in a cool, dry place below 25°C
- Protect from moisture and direct sunlight
- Keep out of reach of children
- Do not use if the packaging is damaged or tablet appears degraded

Packing Information:

- **Primary Packaging:** Blister Strip.
- **Quantity:** 10 tablets per strip.
- **Secondary Packaging:** 10 strips per outer box (10 x 10).