

Brand Name: AMILINE-AC TABLET

Composition: Amitriptyline HCL & Chlordiazepoxide tablet USP

Dosage Form: Tablet

Category: Antidepressant + Anxiolytic (Tricyclic Antidepressant + Benzodiazepine)

Packaging Type: ALU-ALU

Packaging: 10 × 10 tablets

Brief Product Introduction:

AMILINE-AC is a fixed-dose combination of **Amitriptyline**, a tricyclic antidepressant (TCA), and **Chlordiazepoxide**, a benzodiazepine derivative. Manufactured by **AstraEureka Pharmaceutical**, a reliable **manufacturer of amitriptyline and chlordiazepoxide composition**, this combination is used to treat mixed anxiety-depressive disorders, somatic symptoms, and certain chronic pain conditions. The formulation offers a synergistic effect that enhances mood stabilization, reduces anxiety, and improves overall quality of life.

Composition:

Each film coated tablet contains:

Amitriptyline Hydrochloride IP

Eq. to Amitriptyline.....12.5 mg.

Chlordiazepoxide IP.....5 mg.

Excipients.....q.s

Key Ingredients:

- **Amitriptyline (12.5 mg):** Tricyclic antidepressant with sedative and analgesic properties
- **Chlordiazepoxide (5 mg):** Benzodiazepine with anxiolytic and mild hypnotic effects
- **Excipients:** Pharmaceutical aids for stability and tablet formulation

Key Benefits:

1. Provides **dual-action therapy** for depression and anxiety
2. Reduces **somatic symptoms** like sleep disturbances, fatigue, and body aches
3. Helps in management of **chronic pain**, especially of neuropathic origin
4. Improves **emotional and physical symptoms** in psychosomatic disorders
5. Offers **calming effect** with minimal risk of immediate dependency under supervision

Indications:

1. Mixed **anxiety and depressive states**
2. Psychosomatic disorders (e.g., irritable bowel syndrome, tension headaches)
3. **Chronic pain syndromes** (neuropathy, fibromyalgia, migraine prophylaxis)
4. **Insomnia** linked to psychiatric or somatic disorders
5. Adjunct in alcohol withdrawal therapy (with medical supervision)

Directions for Use:

1. Take the tablet **orally** with water
2. Preferably administered **at bedtime** due to its sedative effects
3. Swallow whole; do not crush or chew
4. Follow the exact dosage as prescribed by the physician

Doses and Administration:

1. **Adults:** Typically one tablet at night, dosage may be adjusted based on patient response
2. **Elderly:** Start with lower dose due to increased sensitivity to side effects
3. **Children:** Not recommended unless under strict medical guidance
4. Do not stop abruptly; tapering may be needed to prevent withdrawal symptoms

Safety Information:

1. Should be used only **under medical supervision**
2. May cause **drowsiness, dizziness, or sedation**; avoid driving or operating machinery
3. Monitor for **mood changes, suicidal thoughts**, especially in early stages
4. Caution in **renal, hepatic, cardiovascular, or respiratory disorders**
5. Avoid **alcohol and other CNS depressants**

Mechanism of Action:

- **Amitriptyline** works by inhibiting the reuptake of **norepinephrine and serotonin** in the brain, enhancing mood and reducing pain perception. It also has **anticholinergic, sedative, and anxiolytic properties**, which contribute to relief in tension-type headaches and somatic complaints.
- **Chlordiazepoxide** enhances the effect of **GABA**, an inhibitory neurotransmitter, by binding to **GABA-A receptors**, resulting in **anxiolytic, sedative, and muscle-relaxing effects**.
Together, these agents offer a **complementary approach** to managing emotional and somatic symptoms effectively.

Contraindications:

1. Hypersensitivity to **amitriptyline, chlordiazepoxide**, or any excipient.
2. **Severe liver dysfunction, narrow-angle glaucoma, or urinary retention.**
3. Recent **myocardial infarction** or serious cardiovascular disorders.
4. **Pregnancy and lactation** (unless clearly needed and under supervision).
5. History of **benzodiazepine or substance abuse.**

Side Effects:

1. **Common:** Drowsiness, dry mouth, constipation, blurred vision, dizziness.
2. **Less common:** Weight gain, confusion, hypotension, tremor.
3. **Serious (rare):** Dependence (with long-term use), withdrawal symptoms, mood changes, suicidal ideation, seizures.
4. Contact healthcare provider if side effects persist or worsen.

Important Notice:

- Prescription-only medication; not for self-medication.
- Avoid alcohol or other sedatives during treatment.
- Long-term use of **chlordiazepoxide** may cause dependence—monitor duration.
- Do not discontinue abruptly; tapering must be done under medical supervision.
- Report any **unusual behavior, mood changes, or side effects** promptly.

Storage Condition:

1. Store in a **cool, dry place below 25°C.**
2. Protect from **light and moisture.**
3. Keep out of reach of **children.**
4. Do not use beyond expiry date.

Packing Information:

- Packed in **ALU-ALU strips.**
- Pack Size: **10 × 10 tablets.**