

Lunityle Cream

Luliconazole (1% w/w) Cream

Description

Luliconazole (1% w/w) Cream is a topical antifungal medication used to treat fungal skin infections. It contains Luliconazole, aazole antifungal agent that works by inhibiting the synthesis of ergosterol, a critical component of the fungal cell membrane, leading to the destruction of the fungal cell. This cream is used for the treatment of various dermatophyte and yeast infections, including tinea pedis (athlete's foot), tinea cruris (jock itch), tinea corporis (ringworm), and tinea versicolor.

Composition

Each gram of Luliconazole Cream (1% w/w) contains:

- **Luliconazole:** 10 mg (1% w/w)
- **Other ingredients:** Excipients such as cetostearyl alcohol, propylene glycol, purified water, disodium EDTA, and benzyl alcohol.

Indications

Luliconazole Cream is indicated for the topical treatment of fungal infections such as:

- Tinea pedis (athlete's foot)
- Tinea cruris (jock itch)
- Tinea corporis (ringworm)
- Tinea versicolor
- Cutaneous candidiasis (skin infections caused by *Candida* species)

It is effective against a wide range of dermatophytes, yeasts, and fungi, including *Trichophyton*, *Epidermophyton*, *Microsporum*, and *Candida* species.

Mechanism of Action

Luliconazole is anazole antifungal that inhibits the enzyme lanosterol 14 α -demethylase, which is involved in the biosynthesis of ergosterol. Ergosterol is a crucial component of fungal cell membranes, and its inhibition disrupts the integrity of the membrane, leading to leakage of cellular contents and the death of the fungal cell.

Dosage and Administration

- **Adult Dosage:**
 - Apply a thin layer of Luliconazole Cream to the affected area once daily.
 - Gently rub the cream into the skin, covering the infected area and a small surrounding area.
- **Duration of Treatment:**
 - For tinea pedis (athlete's foot), treatment should last for 1 week.
 - For tinea cruris (jock itch) and tinea corporis (ringworm), the treatment course is typically 2 weeks.
 - Tinea versicolor generally requires 2 weeks of treatment.
- **Pediatric Dosage:**
 - Safety and efficacy in children under 12 years of age have not been established. Consult with a healthcare provider before use in pediatric patients.

Contraindications

- Hypersensitivity to Luliconazole or any other component of the formulation.
- Do not use on broken, raw, or irritated skin unless directed by a healthcare professional.

Warnings and Precautions

- **For External Use Only:** Avoid contact with eyes, mouth, or mucous membranes. If accidental contact occurs, rinse thoroughly with water.
- **Skin Reactions:** If you experience any irritation, redness, swelling, or rash at the application site, discontinue use and consult a healthcare provider.
- **Pregnancy and Lactation:** The safety of Luliconazole Cream during pregnancy and lactation has not been fully established. Use during pregnancy should be based on the risk-benefit assessment. Consult your doctor before use in breastfeeding mothers.
- **Not for Ophthalmic Use:** Avoid use of the cream in the eyes.
- **Efficacy:** It is important to complete the full course of treatment, even if symptoms improve, to ensure complete eradication of the infection and prevent recurrence.

Side Effects

Common side effects may include:

- Mild burning or stinging at the application site
- Itching or redness of the skin
- Dryness or peeling of the skin in the treated area

Serious side effects are rare but may include:

- Severe allergic reactions (e.g., swelling, rash, difficulty breathing)
- Severe irritation or worsening of skin symptoms

If any of the serious side effects occur, discontinue use and seek medical attention immediately.

Drug Interactions

Since Luliconazole is applied topically, the systemic absorption is minimal, making significant drug interactions unlikely. However, it's always advisable to inform your healthcare provider about any other

medications you are taking, including other topical treatments.

Storage Instructions

- Store at room temperature (15°C to 30°C).
- Keep the tube tightly closed to prevent contamination.
- Do not freeze.
- Keep out of the reach of children.

Presentation

- **Form:** Topical cream
- **Strength:** 1% w/w Luliconazole
- **Pack Size:** Available in 15g, 30g, or 50g tubes.

Conclusion

Luliconazole (1% w/w) Cream is a highly effective and convenient treatment option for various fungal skin infections. Its once-daily application and quick action make it suitable for patients seeking relief from itching, redness, and discomfort caused by dermatophyte and yeast infections. It is important to follow the full course of therapy as prescribed to achieve optimal results and prevent recurrence. Always consult a healthcare provider if you have any concerns or experience adverse reactions during treatment.

Manufactured in India for:

CafoliTM
L I F E C A R E
Cafoli Lifecare Pvt. Ltd.

(An ISO 9001: 2015 Certified Co.)

Plot no.: 367-FF, Industrial Area Phase-I,
Panchkula-134113

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