

DOTZOLE

Clotrimazole I.P. 1% w/w Dusting Powder in Talc I.P. base For Veterinary use only

Description

Clotrimazole is a **broad-spectrum antifungal agent** belonging to the **imidazole class**. It works by disrupting the fungal cell membrane by inhibiting the biosynthesis of ergosterol — an essential component of fungal cell walls. This results in cell death and elimination of fungal infections.

Formulated in a **Talc I.P. base**, this product is designed as a **fine, soothing dusting powder** for **topical use in animals**. It is intended to treat and prevent superficial fungal infections affecting the skin, hooves, folds, paws, and external genitalia.

Composition

- **Clotrimazole I.P.** – 1% w/w (10 mg per gram)
- **Talc I.P.** – 99% w/w (Pharmaceutical grade, purified, asbestos-free)

Category

Topical Antifungal Agent — Imidazole Derivative
Veterinary Dermatological / External Use

Specification

- Appearance: Soft, white to off-white free-flowing powder
- Particle Size: Micronized for smooth skin application
- Odor: Characteristic, pleasant or neutral
- pH (aqueous slurry): 6.0–8.0
- Microbial Purity: Conforms to I.P. standards for topical preparations
- Clotrimazole Assay: 98.0% – 102.0% of labelled content
- Shelf Life: 24 months from date of manufacture

Indications

Used for prevention and treatment of:

- **Superficial fungal infections** (Dermatomycoses, Ringworm, Athlete's foot)
- **Candidiasis** of the skin folds and genital regions
- **Yeast infections** in paws, tail base, ears, udder skin folds, etc.
- **Irritant or infected dermatitis** accompanied by secondary fungal colonization
- In livestock, pets, and companion animals

Dosage & Route of Administration

- **Route:** Topical, external use only
- **Application:**
 - Clean and dry the affected area
 - Dust powder evenly 1–2 times daily
 - Continue for 5–7 days or until symptoms subside
 - Use gloves or wash hands after application
 - For best results, continue treatment 2–3 days post-symptom relief

Product Form & Packaging Sizes

- Form: Fine Dusting Powder
- Size: **100 gm**
- Container: HDPE/PP dusting bottle with flip-top or nozzle-cap
- Packaging: Moisture-proof, easy-to-use design for veterinary environments

Usage & Advantages

- Rapid relief from itching, redness, and irritation
- Prevents fungal regrowth with continued use
- Ideal for skin folds, hooves, underbelly, and ears
- **Non-greasy, non-staining, and cooling** effect
- Helps maintain healthy skin microbiota in farm and companion animals
- Safe for repeated external use when used as directed

Adverse Effects

- Rare: Mild burning, redness, or skin irritation
- Discontinue if excessive irritation occurs
- Avoid contact with eyes, mucous membranes, and open wounds
- Not for deep or systemic fungal infections

Withdrawal Period

- **Meat / Milk / Eggs:** No withdrawal period required for topical use, unless product contaminates edible tissues
- Apply with care to avoid ingestion by food-producing animals

Storage

- Store below 30°C
- Keep container tightly closed in a dry, cool place
- Protect from moisture and direct sunlight

Handling

- For external use only
- Use gloves during application in animals with open sores
- Keep out of reach of children and unauthorized handlers
- Avoid inhalation of dust during use

HS Code / HSN Code

- **HS Code:** 3004.90 (Antifungal medicaments for veterinary topical use)
- **HSN Code:** 30049085 (Clotrimazole-based antifungal powders for veterinary application)

Special Instructions

- Do not apply on deep or puncture wounds
- Prevent licking of treated area by the animal
- Do not mix with other topical agents unless directed
- Shake well before each use for even distribution

Human and Veterinary Application Details

- This formulation is **strictly intended for veterinary use**
- Though Clotrimazole is also used in human medicine, the **formulation base, particle size, and instructions differ**
- Human use of veterinary-grade products is not recommended due to excipient safety profile and contamination risk

? Frequently Asked Questions (FAQs)

Q: What is Clotrimazole Dusting Powder used for in animals?

A: It treats superficial fungal infections like ringworm, candidiasis, and yeast infections of the skin.

Q: How often should I apply this to my animal?

A: Typically 1–2 times daily on cleaned, dry skin. Continue treatment for a few days after symptoms disappear.

Q: Can this be used on pets like dogs and cats?

A: Yes — it's safe for dogs, cats, and other small animals when used as directed.

Q: Is it safe if the animal licks it?

A: Avoid licking — though generally low-risk, ingestion of excessive powder may lead to mild gastrointestinal upset.

Q: Can it be used on large livestock like cows or goats?

A: Yes — it is commonly used on cattle, goats, and sheep for fungal skin infections.

Q: What if the skin becomes red or irritated after application?

A: Discontinue use and consult a veterinarian immediately.

Q: Can this be used during pregnancy or lactation in animals?

A: Generally safe topically, but consult your vet for use in pregnant/lactating animals.