

CYPERDOT

Cypermethrin- High Cis 10% Emulsifiable Concentrate (EC)

Veterinary External Insecticide

Description

Cypermethrin-High Cis is a **synthetic pyrethroid insecticide** formulated as a 10% Emulsifiable Concentrate (EC) specifically designed for **external use in veterinary medicine**. It offers potent and long-lasting control of external parasites such as ticks, lice, mites, fleas, and flies on livestock and companion animals.

Composition

- Cypermethrin (High Cis Isomer) – 10% w/v (100 gm/L)
- Proprietary solvents and emulsifiers to ensure stable dispersion

Category

- Veterinary External Insecticide (Ectoparasiticide)

Specification

- Clear to pale yellow liquid
- Contains 10% w/v Cypermethrin (High Cis)
- Packaged in 15 mL, 50 mL, and 1 Litre plastic bottles
- Forms stable emulsion in water

Indications

- External parasite control on livestock (cattle, buffaloes, sheep, goats, horses)
- Effective against ticks, lice, fleas, mites, and flies
- Suitable for spraying, dipping, and pour-on applications

Dosage and Route of Administration

- **Route:** Topical application only (external use)
- Dilute as per veterinary instructions before applying via spray, dip, or pour-on
- Typical dilution: 0.5–1 mL per litre of water (adjust per animal and condition)
- Avoid contact with eyes and mucous membranes

Usage and Advantages

- High potency due to enriched cis-isomer content
- Rapid knockdown and prolonged residual effect
- Versatile application methods for effective parasite control
- Economical and easy-to-use formulation

Adverse Effects

- May cause skin irritation in sensitive animals or humans
- Highly toxic to aquatic life and bees—avoid environmental contamination
- Avoid ingestion or inhalation of concentrated product

Precautions and Warnings

- For veterinary external use only
- Use personal protective equipment during handling
- Do not apply to wounds or damaged skin
- Follow local veterinary guidelines and withdrawal periods
- Keep away from food, feed, and water sources

Withdrawal Period

- Meat: 14 days (confirm per local regulations)
- Milk: 3 days (confirm per local regulations)

Storage

- Store in cool, dry, well-ventilated place away from sunlight
- Keep container tightly closed and out of reach of children and animals

Handling and Disposal

- Handle with gloves and protective clothing
- Avoid release into environment, especially water bodies
- Dispose of containers according to hazardous waste regulations

HS Code and HSN Code

- **HS Code:** 3808.91 (Pyrethroid-based insecticides)
- **HSN Code:** 380891 (Synthetic pyrethroid insecticides)

Details of Human and Veterinary Application

- **Veterinary:** Approved for external use on livestock and companion animals
- **Human:** Not for human use

Frequently Asked Questions (FAQs)

Q1: Can Cypermethrin High Cis 10% be used internally?

A: No, it is strictly for external application only.

Q2: Is this product safe for all animals?

A: Use only on animals recommended by your veterinarian.

Q3: How often can I apply this insecticide?

A: Follow your veterinarian's advice; typically repeat treatments are spaced according to parasite life cycles.

Q4: What safety precautions should I take?

A: Wear protective clothing and avoid contamination of water sources.

Q5: Can I use this on pets like dogs or cats?

A: Consult your vet, as formulations and dosages vary for different species.