

DUFA HOOFGEL

Composition:

Contains per g of gel:

Copper (as chelate) 40.0 mg

Zinc (as chelate) 40.0 mg

Description:

Copper plays a key role in the synthesis and stabilization of skin proteins and it also has potent biocidal properties. It is incorporated mainly for the antimicrobial properties but it also exerts an effect on wound repair. The damage to the microorganisms occurs via several non-specific mechanisms, including plasma membrane permeabilization, membrane lipid peroxidation, inhibition of the biological assembly and activity of intracellular proteins etc.

Zinc possesses an excellent effect on wound and tissue repair, but it also manifests some antimicrobial actions, mainly against Gram-positives. Zinc plays a major role in every phase of the wound healing process, from membrane repair, scar formation, immune defense, coagulation and inflammation reduction.

Chelates are very stable entities. In these forms both copper and zinc are kept active in the water (environment) longer, the clinical efficacy of both minerals are consistently enhanced and are less toxic. Upon application both copper and zinc chelates are easily absorbed by the skin and start to work immediately, therefore the action is effectively and rapidly.

Dufa-Hoofgel is enriched with aloe vera, a very known agent with multiple beneficial effects to the skin and dermal tissues (healing properties, protective, anti-inflammatory, antiseptic etc.).

Indications for use:

Prevention and treatment of digital dermatitis (Mortellaro's disease, hairy heel warts) in cattle, for relieving the pain and associated lesions of the plantar epidermis of the hindfeet (lameness, ulcerations etc.). Regular claw trimming represents one of the key measures in prevention of digital dermatitis in cattle, therefore, Dufa-Hoofgel is the ideal product of choice for professional hoof trimmers in the modern dairy industry.

Dosage and mode of administration:

Dufa-Hoofgel is intended for veterinary use only. When the lesions are dirty, first clean and dry them deeply using a disposable cloth to enable direct contact with the gel. Remove the long-hair which eventually surrounds the circumscribed ulcerations. Apply the product to the lesion, in the interdigital space, using the (clean) brush and cover it with a bandage. After three days, remove the bandage and if necessary, apply again the product, without covering with a new bandage. Dufa-Hoofgel remains active even in unfavorable environmental conditions (mud, slush etc.), however, if possible, keep the animals on dry ground for a while.

Side effects:

None.

Precautions and warnings:*Animals*

Do not use Dufa-Hoofgel in other animal species. The animals should be discouraged from licking the treated area.

People

Wear suitable, impermeable gloves and do not eat, drink or smoke while using the product.

Withdrawal period:

None.

Storage conditions:

Store in dark, dry places and below 25°C. Protect from frost. Keep the jar tightly closed after use. Keep out of the sight and reach of children.

Packing:

330 ml (430 g) jar with a brush.