

## **Akhali Kani (New Skin)**

Topical and local use aerosol

For veterinary use only

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### **Composition**

1 ml solution contains active substance:

Plant stem cell concentrate “DAS” – 15%

Excipients:

Methylene blue, polyethylene glycol, purified water up to 1 ml

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### **Description**

Dark blue, opaque solution.

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### **Pharmacological Properties**

The use of **New Skin** promotes rapid wound healing and antimicrobial action due to the combined anti-inflammatory, antioxidant and cellular proliferative properties of the bioactive compounds in the formulation. These substances act synergistically to create an optimal environment for wound healing and tissue regeneration.

The plant stem cell concentrate “DAS” contains various bioactive compounds including flavonoids, antioxidants, phenolic compounds, pyridine and other nitrogen-containing heterocyclic compounds. These exhibit pronounced anti-inflammatory and antimicrobial properties, which are crucial in wound healing and prevention of infection.

Antioxidants neutralize free radicals responsible for oxidative stress and cellular damage, protecting the wound area from oxidative injury and promoting rapid tissue recovery.

Flavonoids and phenols stimulate collagen production and enhance collagen synthesis, essential for new tissue formation, thereby accelerating wound healing.

Pyridine and other nitrogen-containing compounds promote cell proliferation and migration, essential for wound closure, angiogenesis and formation of new tissue and blood vessels.

The product reduces local inflammatory response, minimizes tissue damage, creates a favorable healing environment, forms a protective barrier on the wound surface and maintains a moist environment beneficial for healing.

Methylene blue strengthens the protective barrier, protects the wound from environmental contamination and exhibits antibacterial, antiseptic and antifungal effects. It stimulates growth factor release essential for tissue repair and regeneration.

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### **Indications**

Used in farm animals, poultry and companion animals (dogs, cats) for treatment and stimulation of healing of surgical and traumatic wounds, including:

- Superficial skin injuries: cuts, scratches, bruises, cracks (including teat cracks during lactation), burns, pyoderma, dermatitis (including interdigital dermatitis), open abscesses, chronic skin lesions, ulcers, bedsores, eczema
  - Treatment of oral mucosa
  - Disinfection of limbs (including foot-and-mouth disease, necrobacillosis)
  - Pre- and post-castration procedures
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### **Side Effects**

No side effects observed.

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### **Contraindications**

No contraindications when used according to instructions.

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### **Target Species**

Farm animals, poultry, dogs and cats.

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### **Dosage and Administration**

Before application, clean the affected surface and remove necrotic tissue, pus and wound exudate.

Spray mechanically 1–2 times daily onto the affected area for 1–2 seconds from a distance of 10–20 cm.

Prevent the animal from licking the treated area for 5 minutes after application.

Frequency and duration of treatment depend on severity of injury and healing rate.

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### **Precautions**

Follow aerosol safety rules:

Do not spray near open flame.

Do not disassemble or puncture empty aerosol container.

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### **Overdose**

Since the product is intended for topical use, intoxication due to overdose is practically impossible.

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### **Withdrawal Period**

Meat (food-producing animals and poultry): 0 days

Milk: 0 days

In case of emergency slaughter, the treated area must be removed.

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### **Storage Conditions**

Store in a dry place protected from light at 5–25°C.

Protect from direct sunlight and do not heat the container above 45°C.

Shelf life: 3 years.

Keep out of reach of children.

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### **Presentation**

Antiseptic solution in aluminum aerosol container:

- 300 ml
- 50 ml

With spray nozzle and protective cap.

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### **Pharmacotherapeutic Group**

Antiseptic, disinfectant  
ATCvet code: QD08AX

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### **Manufacturer**

LLC **Biotecs**, Georgia  
Tbilisi, Yumashvili St. #8