



Iodized Glycerin Antiseptic Solution 1% NANO BIO CIDE (Containing 1% Iodine)



Topical antiseptic

Multipurpose disinfection

Extensive Microbial Spectrum & Effective against fungi, spores, viruses, protozoa and yeasts

Disinfectant Group: Iodized Glycerin Antiseptic Solution 1% NANOBIOCIDE

Dosage Form: Liquid

Active Ingredients: Iodized Glycerin Antiseptic Solution 1% NANOBIOCIDE (containing 1% iodine), potassium iodide, glycerin, and other excipients.

Mechanism of Action and Antimicrobial Spectrum: Iodized Glycerin Antiseptic Solution 1% NANOBIOCIDE combines the antimicrobial properties of iodine with the osmotic effects of glycerin to effectively eliminate a wide range of microorganisms. Iodine acts by oxidizing sulfhydryl (-SH) groups in cellular proteins and enzymes, leading to denaturation, protein coagulation, and disruption of the cell wall, ultimately causing the death of bacteria, fungi, and certain viruses. Glycerin, due to its hyperosmotic nature, reduces water activity in the surrounding environment, causing microbial dehydration and inhibition of growth and replication thereby enhancing the microbicidal effect of iodine. Thanks to its excellent tissue penetration, this formulation is particularly suitable for wound and soft tissue disinfection in veterinary applications.

Effective Against: A broad spectrum of microorganisms including bacteria, viruses, fungi, molds, mycobacteria, and spores such as *Streptococcus pyogenes*, *Staphylococcus aureus*, *Helicobacter* spp., *Enterococcus faecalis*, *Streptococcus agalactiae*, *Candida albicans*, *Herpes simplex virus*, *Tinea* spp., *Aspergillus niger*, *Microsporum* spp., and *Trichophyton* spp.

Target Species: Small ruminants, large livestock, horses, and other animals.

Directions for Use: Apply the iodine glycerin solution directly to the desired area using sterile gauze or cotton until the surface is fully moistened. Allow to dry naturally.

Storage Conditions

- Store at a temperature between 5°C and 30°C, away from direct sunlight.
- Keep in a well-ventilated area and away from flammable materials.
- Always close the container tightly after each use to maintain product stability and effectiveness

Precautions

- Do not use simultaneously with other chemicals, alkaline substances, or insecticides.
- Avoid contact with eyes.
- Keep out of reach of children.