

For Veterinary Use Only.

ACTON[®]

Disinfectant Solution

Veterinary

COMPOSITION

Acton Disinfectant Solution is a clear, viscous, yellowish solution containing 15g glutaraldehyde and 6g benzalconium chloride in each 100ml.

PHARMACOLOGICAL PROPERTIES

Acton Disinfectant Solution is a broad spectrum combination of disinfectants developed for administration in veterinary medicine applications and in all branches of livestock raising with a broad spectrum of disinfectant having fast-growing irreversible and strong bactericide, sporocidal, virucidal and fungicidal activities. Glutaraldehyde, which is present in the composition of ACTON Disinfectant Solution, has a fast-growing disinfectant effect over all pathogenic agents, including viruses and bacteria spores, that are available in the ecosystem of domestic animals and which frequently cause diseases. Apart from these properties, glutaraldehyde is highly compatible with other disinfectant active substances such as quaternary ammonium compounds, phenols and chlorinated phenols. The strongest efficiency takes place in media with a pH of 7-8. Benzalconium chloride is a detergent that is a derivative of quaternary ammonium. It takes its effect by being adsorbed in the cell membrane and thus deteriorating the permeability of the membrane. When prepared as aqueous solutions, it has bactericidal, virucidal and fungicidal activities. The composition is a typical cationic detergent with a broad spectrum and strong antibacterial effect. High biocidal activity is ensured due to the reduction of surface tension, the enhancement of the penetration of glutaraldehyde into the cell and the reduction of the effect by organic substances in the medium in the case of benzalconium chloride and Glutaraldehyde combination.

AREA OF USE/INDICATIONS

ACTON Disinfectant Solution

Comprehensive disinfection of animal houses such as poultry house, barn and corral, and slaughter house, surgeries and all types of surfaces,

Disinfection of farm instruments and equipment, egg incubators and other equipment,

Disinfection of transport vehicle and maintenance of their sterility,

Disinfection of drinking and utility water of animals

Disinfection of surgical devices and materials and maintenance of their sterility,

Disinfection of dairy farm, slaughter house, milk house, and the equipment such as milking machines and various food production units.

Disinfection of the nails and in-between the nails in the footrot, potash alum and other infectious diseases.

In the cases of contagious and epidemic diseases, aerogenic disinfection with fogging pulverization and similar large-scale applications within the poultry house or shelter,

Disinfection of various materials contaminated with animal fertilizer, contaminated farm wastes, animal secretions, excreta and other wastes.

Disinfection of drinking and utility water of animals

USAGE AND DOSAGE

The optimum dose or dilutions should be preferred according to the disinfection processes with different purposes:

Dilute Acton Disinfectant Solution in the ratio of 1:150 for the comprehensive disinfection of animal houses such as poultry house, barn and corral, and slaughter house, surgeries and all types of surfaces, Add 1 liter Acton Disinfectant Solution into 150L water (1bucket of water of 100ml/15L). Apply 100 ml/m² of the same dilute disinfectant liquid on smooth surfaces and 200 ml/m² on contaminated and uneven surfaces.

Dilute Acton Disinfectant Solution in a ratio of 1:150 (100ml/l bucket of water) for the disinfection of farm equipment, egg incubators, drinking bowl systems, milking machines, surgical tools and equipment, and maintenance of sterility.

Dilute Acton Disinfectant Solution in a ratio of 1:150 (100ml/l bucket of water) for the disinfection of carriage vehicles. Apply 100 ml/m² of the same dilute disinfectant liquid on smooth surfaces and 200 ml/m² on contaminated and uneven surfaces.

Add each 1L Acton Disinfectant Solution into 3000 L water for the disinfection of drinking and utility water of animals.

Dilute Acton Disinfectant Solution in the ratios of 1:50 to 1:100 (150-300 ml/l bucket of water) for the elimination of spore forming bacteria, resistant microorganism strains and pathogenic fungi in case of the emergence of epidemic and contagious diseases in the stock farming plants. Dilute the solution in a ratio of 1/150 for the elimination of Avian influenza factor. Apply 100 ml/m² of the same dilute disinfectant liquid on relatively smooth surfaces and 200-300ml/ m² on contaminated and uneven surfaces. A dilution in a ratio of 1:200 (75 ml/l bucket of water) is adequate for the elimination the disease factors through aerogenic way with fogging, pulverization and similar applications when the animals are within the shelter. Use 1 liter from the same liquid for liquid/1000 m³ volume. The administration is repeated once a week as long as the disease proceeds within the poultry house.

When two-stage disinfection process is proposed for the shelters in which serious diseases have emerged, especially in the poultry houses of broiler chickens, it is recommended to dilute Acton Disinfectant Solution in the ratios of 1:50 to 1:100 (150-300ml/l bucket of water) for the final disinfection.

Dilute in the ratio of 1:150 (100ml/l bucket of water) and apply as washing with brush, foot bath or wet bandage for helping the treatment of foot contusion, footrot, potash alum and other foot diseases and for the disinfection of nails and in-between the nails.

Dilute in a ratio of 1:50 for the disinfection of the contaminated open areas which all farm animals are within and of all kinds of materials contaminated with animal fertilizer, production and farm wastes, animal secrete, excrete and other wastes; and pulverize ensuring that all materials are soaked (300 ml/l bucket of water).

Dilute Acton Disinfectant Solution in a ratio of 1:150 (100 ml/l bucket of water) for the disinfection of milk houses and milk plants, dairy farms, slaughter houses and meat plants, cold air stores and all food production units.

Usage

Dilute and pulverize ensuring that the disinfection areas and various materials are completely soaked directly with the help of a back or a motorized pulverizator.

In order to ensure aerogenic disinfection in closed areas, it may be applied as cold or hot fogging, pressurized spraying or foam spraying.

In smaller areas and for all kinds of farm materials, it may be applied as washing or whitewashing by using a brush.

UNDESIRE/SIDE EFFECTS:

May be irritant for mucous membrane; therefore avoid contact with mucous membrane and eyes and inhalation of its vapors. In case of long term contact, it may cause dermatitis. May cause intoxication upon oral intake.

DRUG INTERACTIONS:

In case of concurrent administration with iodized disinfectants, substances with disinfectant properties based on potassium permanganate and active oxygen, phenol and its derivatives, soap and anionic agents its efficiency is reduced.

WARNINGS ON DRUG RESIDUES IN FOOD

Withholding period (WHP): is zero (0) days.

CONTRAINDICATIONS

Intended only for disinfection. Avoid direct application to open foods and animal foods. In case of inadvertent drinking, consult to the closest health center and ensure the required treatment is performed.

GENERAL WARNINGS

Keep out of reach of children. Store away from excessive heat and direct fire. Keep in a cold place away from animal foods and food products protecting against sun light.

PRECAUTIONS TO BE TAKEN BY THE USER AND WARNINGS FOR VETERINARY SURGEONS:

In case of eye or skin contact of Acton Disinfectant Solution, wash with plenty of water. Avoid swallowing and keep away from food products. The application areas should be adequately ventilated. The applicator should use a mask, gloves and suitable protective gloves and avoid direct inhalation of the vapors as in other types of disinfectants. Avoid eating and drinking and direct application to the open foods and animal foods during any phases of drug administration. The closed shelters disinfected should be well ventilated before the animals are taken in.

STORAGE CONDITIONS AND SHELF LIFE

The shelf life is 2 years.

DISPOSAL AFTER USE AND WARNINGS FOR NON-TARGET SPECIES:

ACTON Disinfectant solution in low concentrations is quickly reduced by the active reducing elements in soil and water systems and decomposed into unexceptionable degradation products. However, toxic concentrations are considerably high for the aquatic organisms. Therefore, lakes, pools and waterways should not be contaminated with the drug and drug bottles. Since the solution does not contain halogen types binding organically and as it is quickly decomposed into inactive degradation products, it does not create permanent pollution and a significant ecological problem in the environment.

Unused product wastes and emptied packaging materials should be discharged in special protected areas and incinerated.

COMMERCIAL PRESENTATION FORM

Offered for sale in 1 , 5, 20, 60 and 200L high-density polypropylene plastic packages.

PLACE AND CONDITIONS OF SALE

Not subject to veterinary surgeon's prescription. Sold in pharmacies and veterinary surgeries.

APPROVAL DATE OF PACKAGE INSERT

21.01.2009

MINISTRY OF AGRICULTURE AND RURAL AFFAIRS MARKETING AUTHORIZATION DATE - NO
22.08.1996 - 8/764

LICENSE HOLDER:

Alke Saęlık Ürünleri San. ve Tic. A.Ş

Dolayoba, Çınardere Mh. 3. Petek Sk.

No: 18, 34896 Pendik-ISTANBUL

MANUFACTURING SITE:

Alke Saęlık Ürünleri San. ve Tic. A.Ş

Merkez Organize Sanayi Bölgesi 2. Kısım 10. Cadde No:7 Tokat

BATCH NO

PRODUCTION DATE

EXPIRY DATE

RETAIL SALES PRICE (VAT INCLUDED)