



promovendo biosseguridade

Produtos Químicos Ltda.

Products - POLYQUAT 450®

POLYQUAT 450® is the trade mark of the product AVT-450® marketed in Colombia.

Product Data

POLYQUAT 450® is a quaternary ammonia, glutaraldehyde, ethanolic aldehyde and chemical enhancer based disinfecting compound, destined for veterinary and industrial use, available in packages of 1 and 5 liters.

This product was developed after a lot of research on the part of POLY SELL® technicians, with the objective of obtaining a disinfectant that offers desirable and exclusive characteristics, among which we highlight:

Last Generation Formula (Biodegradable)

Modern concept of synergism, offering to the market high technology, efficiency and respect to the environment.

Presentation in PEAD packages (1 and 5 liters)

POLY SELL® is certified by ISO 9001 and ISO 14001.

Plastic package with greater potential of recyclability and sustentability.

Broad Spectrum of Action

First line raw materials, associated to chemical enhancers bestow to POLYQUAT 450® total virucidal, fungicidal, bactericidal and sporicidal action.

Excellent Cost / Benefit Relation

Highly effective product and with competitive price.

Guaranteed quality

"All foregoing characteristics make POLYQUAT 450® a unique product in the market, efficient, economically viable and ecologically correct."

How to use

Heavy Breeder Farms

Cleaning: apply DETER SELL – CB® in the dilution of 1:300, allow it to act for 20 minutes and then rinse.

Poly Sell Produtos Químicos Ltda.

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First Disinfection: apply in the dry facilities POLYQUAT 450® in the dilution of 1:500.

Second Disinfection: apply in the dry facilities POLY-PHEN® in the dilution of 1:250

Third Disinfection: spray in the environment, with the assembled equipment POLY-PHEN® in the dilution of 1:250.

Broiler Farms and Layer Houses

Cleaning: apply POLYQUAT 40® in the dilution 1:1000 using pressurized water (it does not need rinsing).

First Disinfection: apply in the dry facilities POLYQUAT 450® in the dilution 1:1000. In cases of high challenges apply POLYQUAT 450® in the dilution of 1:500.

Second Disinfection: apply in the dry facilities POLYQUAT 450® in the dilution of 1:1000. In case of high challenges apply POLY-PHEN® in the dilution of 1:250.

Pig Farms

Maternity / nursery

Cleaning: apply DETER SELL-CB® in the dilution of 1:300, allow it to act for 20 minutes then rinse.

First disinfection: apply in the dry facilities POLY-PHEN® in the dilution of 1:250.

In case of challenges with *Isospora suis*, perform application with POLY-PHEN® in the dilution of 1:100, in low parts of the maternity (floors, walls, creep), on the 3rd and 10th days, after birth of the suckling pigs.

The same dilution should be used on the 7th day after lodging of the suckling pigs in the nursery.

Fattening / termination / gestation

Cleaning: apply DETER SELL-CB® in the dilution of 1:300, allow it to act for 20 minutes then rinse.

First Disinfection: Apply in the dry facilities POLYQUAT 450® in the dilution of 1:1000. Incubators, other uses and in cases of diseases Consult a Poly Sell® specialized technician.

Obs: These programs eliminate the use of Formaldehyde and its derivatives in the disinfection of facilities.

Cleaning: apply DETER SELL – CB® in the dilution of 1:300, allow it to act for 20 minutes and then rinse.

First Disinfection: apply in the dry facilities POLYQUAT 450® in the dilution of 1:500.

Second Disinfection: apply in the dry facilities POLY-PHEN® in the dilution of 1:250

Third Disinfection: spray in the environment, with the assembled equipment POLY-PHEN® in the dilution of 1:250.

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