

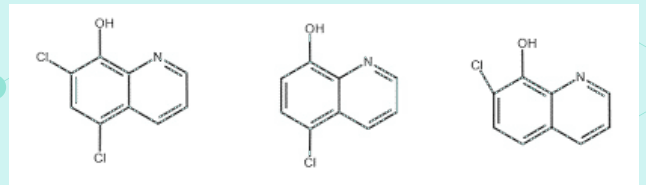


Hal-Q (Halquinol 12.5%)

Versatile Non-antibiotic Growth Promoter

Halquinol is very powerful non-antibiotic antibacterial, antifungal and antiprotozoal feed additive or as a growth promoter in swine and poultry industry. Halquinol as it has wide spectrum of activity and slows down peristalsis in the gut (Nischal et al., 2012). Halquinol is used mainly as an effective gut acting compound though gastrointestinal tract cannot absorb the halquinol. It is a triple acting anti-diarrhoeal product effective against bacteria, fungi and protozoa. It offers minimum or no resistance in bacteria even on long-term use. Halquinol has activity against a wide variety of bacteria, fungi, protozoa and mycoplasmal organisms. Thus keeps the gut healthy and active as a result more efficient absorption of nutrients through the intestine which ultimately improves the productivity.

By incorporating halquinol with feed at different levels is being used to overcome several challenges in modern poultry and swine farming, like microbial infections, and for growth promotional aspects, because of its broad-spectrum antimicrobial having antibacterial, antifungal and antiprotozoal activities (Wojtowicz, 1984). So, Halquinol is a potential agent which may be successfully used as a non-harmful non-antibiotic growth promoter for the improvement of productive performances.



Why Halquinol?

Halquinol is a non-antibiotic, antimicrobial molecule belonging to the group of Hydroxyquinolines. The active ingredient in it is Halquinol. It is an approved growth promoter for swine & poultry. The molecule is active against fungi, gram positive and gram negative bacteria and protozoan organisms. It prolongs the transit time of feed through the intestine, thereby enhancing digestion and absorption of nutrients. By oral administration, it was found to be absorbed and has potential in the treatment of infections localized in the intestinal tract. It acts basically in the digestive tract and does not get absorbed into the systemic circulation, thereby reduces the chances of tissue residues. It also slows down peristalsis thereby increasing absorption of nutrients and water from the distal end of the large intestine and in specific cases controls wet droppings.

Mechanism of action

- Reduces pathogens in both intestine and feed because of its strong antimicrobial property
- It reduces tone & motility of smooth muscles of intestines. Thus slows down the gut motility & allowing the food to stay for a long time in intestines. This helps in better absorption of nutrients
- It is gut acting, not absorbed from the intestines, hence nontoxic
- Besides its antimicrobial property, it reduces the motility of intestine and act as an anti-diarrheal
- It combines with prosthetic metallic group of respiratory enzyme in cytoplasmic membrane of bacteria, depriving the respiration and thus completely destroys them

Key benefits

- Improves growth rate and feed conversion efficiency
- Active against fungi, gram positive & negative bacteria and protozoa
- Prevents and controls many types of non-specific diarrhea
- Unique anti-peristaltic activity to promote better absorption of nutrients
- No tissue residues due to little systemic absorption
- No resistance development by microbes
- Has wide margin of safety

Recommended usage

For Growth Promotion

- Poultry, Chick starter/Duck starter/Turkey: 250 gm - 500 gm per ton of feed
- Pullet, Layer, Breeder: 375-500 g per ton of feed

Control of Wet Droppings/Non-Specific Diarrhea:

- 750 gm - 1 kg per ton of feed for 7-10 days depending upon the age of the bird

Presentation: 1 Kg x 25 White Aluminium Pouch



Free From Hormones & Antibiotics

Animal/Poultry Feed Supplement

Not For Medicinal use

Not For Human Use

Catalyst LifeSciences Pvt. Ltd.

An ISO 9001:2015, ISO 14001:2015, HACCP Compliance Certified Company

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DISPOSAL OF BAD AND OUTER PACKAGE: Do not contaminate water, food or feed by storage and disposal. Completely empty container into application equipment. Triple rinse pail and offer for recycling or reconditioning. Containers can also be disposed of in a sanitary landfill or by incineration, or in accordance with guidance from your local waste regulation authority, such as by burning (if burned, stay out of smoke). When applying this product to water bodies, avoid solid particles from falling on nearby ground where birds and feed may be present.

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