

TECHNICAL DATA SHEET

HALQUINOL B.P. 80

Product Characteristics

Appearance : Yellowish white to yellowish grey granular powder

Odor Characteristics : Odor of cresol

Halquinol is a blend of 5-monochloro-8-hydroxy quinoline, 5, 7-dichloro-8-hydroxyquinoline & 7-monochloro-8-hydroxy quinoline produced under controlled chlorination reaction.

This has strong antimicrobial action on pathogenic organisms like,

BACTERIA

- * Escherichia coli
- * Salmonella pullorum
- * Salmonella enteritidis
- * Salmonella typhimurium
- * Proteus vulgaris
- * Staphylococcus. spp.
- * Streptococcus. spp.
- * Clostridium perfringens

FUNGI

- * Aspergillus spp.
- * Candida albicans
- * Epidermophyton floccosum
- * Trichomonas mentagrophytes
- * Microsporium audouinii

PROTOZOA

- * Entamoeba histolytica
- * Eimeria bovis
- * Eimeria spp.

Benefits:

- * Active against fungi, gram positive & negative bacteria and against protozoa.
- * Unique anti-peristaltic activity to promote better absorption of nutrients.
- * Improves growth rate and feed conversion efficiency.
- * Prevents and controls many types of nonspecific diarrhea.
- * Safe for target animals and even in humans.
- * Very little is systemically absorbed.
- * Halquinol works in the GI tract.

Mode of Action:

- By way of reducing the pathogen load in both intestine & feed because of its strong antimicrobial property. ■ Halquinol nonspecifically reduces tone & motility of smooth muscles of intestines. Thus slows down gut motility & allowing the food to stay for a long time in intestine. 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 hence acts as an anti-diarrheal. ■ Halquinol combines with prosthetic metallic group of respiratory enzyme in cytoplasmic membrane of bacteria, depriving the respiration & thus completely destroy them.

Inclusion rate:

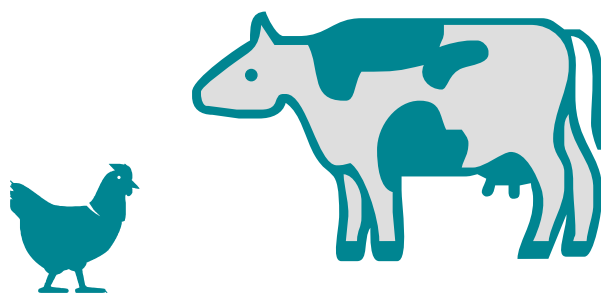
Used in **Swine, Poultry Small Ruminants, Dairy, Equine & Aqua.**
Treatment: 600gm per ton of feed for 5 to 7 days or recommended by **Veterinarian**

Shelf Life:

5 years from manufacturing date when stored under specified conditions.

Presentation:

25KG



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