

# MAL-A-KET™



## Plus TrizEDTA™ Flush and Spray Conditioner

- Formulated for use in dogs and cats.
- For moderate to severe bacterial/fungal infections.
- Unique combination of chlorhexidine, ketoconazole and patented USP TrizEDTA which aids in breaking down bacterial cell walls increasing the efficacy of the active ingredients.
- Flush may be used as an ear cleanser prior to drug application, ideally 15-30 minutes. Caution should be used with chlorhexidine use in the ear when the integrity of the tympanic membrane is not known.

## Indications

For support of healthy skin for animals with conditions responsive to ketoconazole and/or chlorhexidine.

## Active Ingredients

MAL-A-KET Flush contains:

0.15% chlorhexidine gluconate, 0.15% ketoconazole, TrizEDTA (tromethamine USP, disodium EDTA dihydrate)

MAL-A-KET Spray contains:

2% chlorhexidine gluconate, 1% ketoconazole, TrizEDTA (tromethamine USP, disodium EDTA dihydrate)

### Chlorhexidine Gluconate:

- Generally used as adjunctive therapy for bacterial skin infections caused by Gram-positive and Gram-negative bacteria.<sup>1</sup>
- Considered to have residual effects and can remain active on skin after rinsing.<sup>1</sup>
- Bacteria do not tend to develop resistance towards chlorhexidine gluconate.

### Ketoconazole:

- A synthetic antifungal drug used to prevent and treat fungal skin infections.

### TrizEDTA (tromethamine USP, disodium EDTA dihydrate):<sup>1</sup>

- Has antimicrobial and antibiotic potentiating activity.
- It is alkalinizing (pH 8)
- Blocks the *Pseudomonas* efflux pump
- Potentiates chlorhexidine and antibiotics
- Disrupts the bacterial cell wall by chelating metal ions and making it more porous
- Inhibits the effects of ulcerating bacterial enzymes
- Products containing TrizEDTA work best when applied 15-30 minutes before topical antibiotic treatment.

### Reference

<sup>1</sup> Koch, S.N. (2012). Canine and Feline Dermatology Drug Handbook. Ames: Wiley-Blackwell



Product No.	Size
MKTW	4 oz flush
12MKTW	12 oz flush
MKTSW	8 oz spray

U.S. Patent 6,538,155

For Technical Support or information, contact:

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02PB-MAL50011-0213

