

# TrisDent<sup>®</sup> Dental

## Water Additive, Oral Rinse, & Gel

*A unique combined dental formulation of Tromethamine, Edta and Chlorhexidine providing antibacterial action, plaque and calculus prevention.*



*Dental Disease is the most common clinical condition occurring in both adult dogs and cats.*

*Chronic dental disease can cause more than just tooth pain and bad breath. It is associated with damage to our pets' internal organs.*

*The key to management of dental disease is prevention through routine dental care. Excellent oral health can be supported with a consistent oral hygiene regimen using TrisDent, (formerly T/Edta/C) Dental Products.*

**ACTIVE INGREDIENT: 0.12% Chlorhexidine Gluconate.**

**CONTAINS:** Tromethamine (Tris), Edetate Disodium Dihydrate (Edta), buffered with Tromethamine HCL in deionized water.

**TrisDent products are XYLITOL FREE and MADE WITHOUT ANIMAL PROTEIN.**

<sup>1</sup> Harvey, C., and Emily, P. (1993). *Small Animal Dentistry* (pp.122). St. Louis: Mosby. p. 122.

<sup>2</sup> Robinson, John G.A. (1995). Chlorhexidine Gluconate - The solution for dental problems. *Journal of Veterinary Dentistry*, 12 (No.1), pp. 29-31.

**INDICATIONS:** TrisDent<sup>™</sup> is an appealing, beef-flavored, patent-pending combination that helps to control plaque without brushing, and assists in reducing the calcification of plaque to calculus.

**Tris-Edta:** May inhibit plaque by chelating minerals and thereby blocking mineralization to calculus. Tris-Edta also has antibacterial activity.

**Chlorhexidine:** Believed to be the most effective chemical anti-plaque agent available.<sup>1,2</sup>

**Chlorhexidine is synergistic with Tris-Edta:**

Chlorhexidine is more effective when paired with Tris-Edta vs. when working alone. This synergistic effect is without the negative effects of teeth staining found with increasing concentrations of Chlorhexidine. Biofilm is a thick lipopolysaccharide (LPS) film that is a component of plaque. Tris-Edta is known to bind to minerals (Ca and Mg) that compose lipopolysaccharides (LPS's). Tris-Edta pokes holes in the Biofilm LPS thus weakening it and allowing the exponentially potentiated chlorhexidine to work more effectively.

Chlorhexidine and Tris-Edta's attributes are particularly helpful in preventing dental disease. Dental disease begins when oral bacteria produce plaque. Minerals in the saliva harden the plaque into dental calculus or tartar, which firmly attaches to the teeth. Plaque and calculus can spread under the gum line causing gingivitis (inflammation of the gums) and periodontitis (loss of bone and soft tissue around the teeth) and allowing bacteria to enter the bloodstream causing damage to internal organs.

TrisDent Gel is ideal for brushing. Easy to use Wipes, Water Additive and Rinse are all strong alternatives for pet owners who are unable to brush their cat's or dog's teeth.

Available in 16 oz. Water Additive, 8 oz. Rinse, 2 oz. Gel