



Veterinary Staff Information Sheet

Delicate Care™ – Dental Diet for Dogs

Overview:

Delicate Care™ Dental Diet for Dogs is specially formulated to provide complete and balanced nutrition for dogs of all life stages, while at the same time promoting dental health. Delicate Care™ Dental Diet for Dogs is a limited ingredient diet which makes it ideal for dogs that suffer from skin sensitivities. It is a perfect complement to the dental management plan prescribed by a veterinarian and is suitable for lifelong use.

Key Points about Delicate Care™ Dental Diet for Dogs:

The dental action of Delicate Care™ Dental Diet for Dogs is centred on the following attributes and ingredients:

- 1) Delicate Care™ Dental Diet for Dogs contains a **unique blend of organic acids** trade marked as **BIODENTAL™** to **assist with reducing biofilms**. Biofilms are a community of bacteria embedded in a coherent cluster of polysaccharides, proteins and nucleic acids. Microbial biofilms are complex communities of bacteria and are common in dogs and in the environment. Biofilm formation in the dental cavity can result in the development of periodontal diseases. Biofilm in the oral cavity can also affect the general health of the dog. In recent years, dental plaque has been identified as a biofilm, and the structure, microbiology, and pathophysiology of dental biofilms have been described²⁻³.
- 2) Kibbles in Delicate Care™ Dental Diet for Dogs have been made to a size, shape and density that have been shown to be important in the mechanical reduction of calculus on teeth¹. In fact, studies have shown that feeding dogs an extruded dry food, keeping the same formula but increasing pellet diameter by 50.0 % from 10mm to 15mm diameter resulted in 42.0 % less calculus accumulation in small dogs¹.
- 3) Delicate Care™ Dental Diet for Dogs contains sodium hexametaphosphate to assist with reduction of calculus on teeth in dogs⁴.
- 4) Delicate Care™ Dental Diet for Dogs contains parsley to help reduce bad breath.
- 5) Delicate Care™ Dental Diet for Dogs contains selected botanicals to help reduce bad breath, ammonia in faeces and general odour.

In addition to the dental action of Delicate Care™ Dental Diet for Dogs, this food also has the following features:

- a) Limited ingredient formulation using Australian salmon and wild caught mackerel as the protein sources. These protein meals are sustainably sourced with naturally high concentrations of the anti-inflammatory omega 3 essential fatty acids EPA and DHA. EPA and DHA can compensate variable delta 6 desaturase activity. Delta 6 desaturase is the first, and often limiting desaturation step for linolenic acid (omega 3) through to EPA and DHA. EPA is the major anti-inflammatory omega 3 EFA.



Manufactured in Australia for
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Delicate Care™ Dental Diet for Dogs (cont.)

DHA is also anti-inflammatory and critical in neural development in puppies and young dogs and sustaining neural structures in older dogs.

- b) Australian salmon and wild caught mackerel are novel proteins for some dogs suggesting that this dental diet can also be used as an elimination diet for protein-based skin sensitivities. This continues the hypo-allergenic theme for our Delicate Care range.
- c) Sorghum is an ancient grain that is gluten-free so suitable for gut sensitivities based on wheat gluten in particular, and low GI to help sustain energy to improve glucose homeostasis.
- d) Complete and balanced to AAFCO 2022 (revised standards) for adult dogs.
- e) Free of artificial preservatives, flavourings and colourings.

Ingredients:

Whole Sorghum, Fish (from Australian Mackerel and Tasmanian Salmon), BIODENTAL™ (a blend of phyto-derived organic acids, Sodium Hexametaphosphate, *Yucca schidigera* Extract and Parsley), Kangaroo Digest, Cellulose, Omega Magic™ Essential Oil Blend, Dicalcium Phosphate, Montmorillonite, Potassium Chloride, Vitamins A D3 E K B1 B2 B3 B5 B6 B12, Folic Acid, Biotin, Citric Acid, Zinc (from Sulphate), Iron (from Sulphate), Zinc Chelate, Iron Chelate, Copper (from Sulphate), Manganese (from Oxide), Copper Chelate, Manganese Chelate, Iodine, Selenium, Choline Chloride, FOS (Fructo-Oligo-Saccharides), MOS (Manno Oligo Saccharides) and *Bacillus subtilis*. Product protected by natural mixed tocopherols (Vitamin E) and Rosemary Extract.

*No salt (sodium chloride) is added to Delicate Care™ formulations. Salt, if present in our formulations, is naturally occurring.

Feeding Guide

Note: 1 cup (metric) = approx. 105grams

Nutritional Analysis

Component	Content
Crude Protein %min	25%
Crude Fat %min	11%
ME kcal/100g as fed	345
Calcium (% max)	1.6%
Phosphorus (% max)	0.9%
Sodium Hexametaphosphate	0.6%

Weight of Dog kg	Daily Energy Requirements Cals	Daily Amount grams
2	144	40
4	288	80
6	360	100
10	540	150
15	720	200
20	900	250
25	1080	300
30	1224	340
35	1397	380
40	1512	420
50	1800	500
60	2052	570
70	2340	640

References

¹Hennet, Ph, E. Servet , Y. Soulard , V. Biourge (2007). Effect of Pellet Food Size and Polyphosphates in Preventing Calculus Accumulation in Dogs. *J Vet Dent* 24: 236-239.

²JoAnn R Gurenlian (2007). The Role of Dental Plaque Biofilm in Oral Health. *J. Dental Hygiene* 81: No. 5.

³S. A. Kim, M. S. Rhee (2013). Marked Synergistic Bactericidal Effects and Mode of Action of Medium-Chain Fatty Acids in Combination with Organic Acids against *Escherichia coli* O157:H7. *Applied and Environmental Microbiology* 79: 6552– 6560.

⁴Stookey, G. K., Warrick, J. M., Miller, L. L., & Katz, B. P. (1996). Hexametaphosphate-coated snack biscuits significantly reduce calculus formation in dogs. *Journal of Veterinary Dentistry*, 13(1), 27-30.



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