



Veterinary Staff Information Sheet

Delicate Care™ – Dental Diet for Cats

Overview:

Delicate Care™ Dental Diet for Cats is a highly palatable diet specially formulated to provide complete and balanced nutrition for cats of all life stages while at the same time promoting dental health through both mechanical and natural chemical actions. Delicate Care™ Dental Diet for Cats is a significant complement to a dental management plan prescribed by a Veterinarian and is suitable for lifelong use.

Key Points about Delicate Care™ Dental Diet for Cats:

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

- 1) Delicate Care™ Dental Diet for Cats contains a **unique blend of natural 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 cats 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 cat. In recent years, dental plaque has been identified as a biofilm, and the structure, microbiology, and pathophysiology of dental biofilms have been described¹⁻².
- 2) Kibbles in Delicate Care™ Dental Diet for Cats have been made to a size, shape and density that have been shown to be important in the mechanical reduction of plaque accumulation on teeth³.
- 3) Delicate Care™ Dental Diet for Cats contains sodium hexametaphosphate to assist with reduction of calculus on teeth in cats .
- 4) Delicate Care™ Dental Diet for Cats contains parsley rich in chlorophyll to help reduce bad breath.
- 5) Delicate Care™ Dental Diet for Cats contains selected plant botanicals to help reduce bad breath, ammonia in faeces and general odour.

In addition to the dental action of Delicate Care™ Dental Diet for Cats, this food also has the following features to cater for the unique special needs of cats as obligate carnivores:

- a) Hormone Free Chicken as the **single meat protein source and No 1 Ingredient**.
- b) **Arginine** - amino acid required by cats for efficient nitrogen excretion to remove excess ammonia in the cat due to a higher protein turnover.
- c) **Taurine** – essential sulphonic β–amino acid specifically required by cats to support vision, heart function, digestion and reproduction.
- d) **Arachidonic Acid** – an essential Omega 6 fatty acid required by cats because they have a limited ability to synthesize arachidonic acid from linoleic acid. Hormones synthesised from arachidonic acid are regulators of digestive, immune and reproductive functions. Poultry oil is a rich source of arachidonic acid (C20:4 n-6).
- e) **Preformed Vitamin A from animal sources** – vitamin A essential for supporting vision and many other functions in cats since they are unable to convert pro-vitamin A from plant sources (e.g. carrots) into active Vitamin A.
- f) **Thiamine (Vitamin B₁) and Niacin (Vitamin B₃)** – cats have very high requirements for these B-group vitamins that are essential for efficient conversion of carbohydrates and amino acids into energy.
- g) **Paraffin Oil** which serves to lubricate the digestive track and may assist with the easier passing of hairballs through the gut.
- h) **Prebiotics and Probiotics** to sustain a stable gut microbiome for immune support and general health.
- i) **Ammonium Chloride** is added to assist with urine acidification after meals which is beneficial for long term urinary tract function by dissolving struvite crystals.



Manufactured in Australia for
NB PETFOODS PTY LTD T/A DELICATE CARE
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Delicate Care™ – Dental Diet for Cat(cont.)

- j) Complete and balanced to meet and safely exceed AAFCO 2019 (revised standards) for cats.
- k) Free of artificial preservatives, flavourings and colourings.

References

¹JoAnn R Gurenlian (2007). The Role of Dental Plaque Biofilm in Oral Health. *J. Dental Hygiene* 81: No. 5.

²S. 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.

³Clarke DE; E. Servet , W. Hendricks; DG Thomas; K Weidgraaf; VC Biourge (2010). Effect of Kibble Size, Shape, and Additives on Plaque in Cats. *J Vet Dent* 27 (2); 84-89, 2010.

Ingredients:

Hormone Free Chicken Meal, Whole Sorghum, Chick Peas, Biodental™ (a blend of phyto-derived organic acids, sodium hexametaphosphate, *Yucca schidigera* Extract, Cellulose and Parsley), Natural Flavours, Poultry Oil, Omega Magic™, Ammonium Chloride, Potassium Chloride, Choline Chloride, Vitamins & Minerals (Vitamins A, D, E, K, B1, B2, B3, B5, B6, B12, Folic Acid), Citric Acid, Folic Acid, Taurine, Biotin, Zinc Sulphate, Zinc Chelate, Iron Sulphate, Iron Chelate, Copper Sulphate, Copper Chelate, Manganese Oxide, Manganese Chelate, Calcium Iodate and Selenium), Paraffin, L-Lysine, FOS (Fructo-Oligo-Saccharides), MOS (Mannan Oligo Saccharides), *Bacillus subtilis*, DL-Methionine. Product protected by natural mixed tocopherols (Vitamin E) and rosemary extract.

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

Nutritional Analysis

Component	Content
Crude Protein (% min)	33%
Crude Fat (% min)	13%
Fibre (% max)	6%
Moisture (% max)	10%
Taurine 0.25gms/100gms as fed	
Metabolisable Energy 370 kcal/100gms as fed	

Feeding Guide

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

Cat Weight (kg)	gms/day Kitten	gms/day Adult Indoor	gms/day Adult Outdoor
0.5	15		
0.75	22		
1	30		
1.25	33		
1.5	36		
1.75	37		
2	37		
2.5	40		
3		32	45
4		43	60
5		55	70
6		65	90
7		75	105
8		85	120

Changing over to Delicate Care™ Dental Diet for Cats:

When changing over to Delicate Care™ Dental Diet for Cats from another cat diet, we highly recommend that you allow 7-10 days for a gradual transition. Though importantly do not allow your cat to go for two days without eating, as cats have a poor capacity to control lipid mobilization.

Proudly Australian Made and Owned
Continuously aiming to be at the Forefront of Developments in Pet Nutrition



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