

Shy Tiger's Soothe + Dental Natural Oral Supplement



Dental disease remains one of the most common health issues in dogs, affecting a significant percentage of the canine population. It's a condition that not only causes discomfort and pain but can also lead to severe health complications if left untreated. The rise in dental disease highlights a growing need for effective prevention methods that can be easily adopted by pet owners to ensure the health and wellbeing of their pets.

The Prevalence of Dental Disease in Dogs and the Need for Convenient Solutions

Dental diseases in dogs encompass a range of conditions, including gingivitis and periodontitis, which can significantly affect a dog's quality of life. It's well known that about 80% of dogs over the age of three suffer from some form of dental disease, leading to bad breath, pain, and more severe health issues. These statistics underscore the urgency of addressing dental health proactively.

However, one of the primary challenges in managing dental disease in dogs is ensuring compliance from both pets and their owners. Traditionally, the approach to managing dental health in pets has revolved around mechanical cleaning, professional dental care, and dietary management, and while this is effective, it can be cumbersome and difficult for some pet owners to maintain consistently. The integration of dietary supplements for preventive oral care has emerged as an innovative approach, offering a complementary strategy to traditional dental care practices. Shy Tiger is passionate about providing dental health products that are easy to use and can seamlessly integrate into a pet owners daily routine.

Shy Tiger's Soothe + Dental Natural Oral Supplement: A Closer Look at the Ingredients

Shy Tiger's Soothe + Dental Natural Oral Supplement has a unique formulation that truly stands out. Comparatively, the majority of dental health supplements in the veterinary market have singularly focused on *Ascophyllum nodosum*, neglecting the synergistic potential of incorporating other natural ingredients. Shy Tiger's Soothe + Dental Natural Oral Supplement distinguishes itself by leveraging the combined effects of three ingredients, offering a comprehensive solution for plaque and gingivitis prevention. This triple-action formula not only aims at reducing plaque formation but also at soothing inflamed gums and providing an antimicrobial action against the pathogens responsible for periodontal disease.

Each of these components brings specific oral health benefits to the table:

Ascophyllum Nodosum: Preventing plaque and calculus

Ascophyllum nodosum's efficacy lies not just in its nutritional profile but also in its potential to modify oral environmental factors, such as saliva composition, and the oral microbiome, which play crucial roles in the pathogenesis of dental diseases.

The mechanism by which *Ascophyllum nodosum* exerts its beneficial effects on dental health appears to be multifaceted. Initial studies, including one by Gawor et al. (2021) in *Frontiers in Veterinary Science*, suggest that dietary supplementation with this seaweed may induce changes in the saliva metabolome of dogs, influencing the oral microbiome and altering the risk factors associated with dental calculus formation. These alterations may involve the inhibition of plaque mineralisation through the seaweed's bioactive peptides and polysaccharides, which could block nucleation sites on teeth surfaces. The clinical trials reviewed, adhering to the Veterinary Oral Health Council (VOHC) standards, indicate a marked reduction in plaque and calculus formation with the most pronounced benefits observed with powdered forms of the seaweed. This evidence points towards the potential of *Ascophyllum nodosum* in preventing dental issues rather than curing existing conditions, highlighting its role as a complementary strategy to conventional dental care practices.

The incorporation of *Ascophyllum nodosum*, especially in its powdered form, offers a promising, non-invasive method for improving oral health in pets.

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Calendula Extract: *Reducing gingivitis*

Calendula, known for its anti-inflammatory and antimicrobial properties, adds another layer of protection in Shy Tiger's supplement. It's effective against oral pathogens and can help in reducing gingival inflammation and dental plaque, making it a valuable component in preventing periodontal disease. This is supported by studies which demonstrate its effectiveness against various oral pathogens, making it a potent adjunctive therapy in periodontal disease management.

Shankar et al. (2017) and Khairnar et al. (2013) provide foundational insights into the antimicrobial efficacy of Calendula officinalis against oral pathogens, demonstrating its potential to mitigate dental diseases through direct microbial inhibition. Specifically, Shankar et al.'s study compares the antimicrobial potency of Calendula officinalis extract to chlorhexidine digluconate, a gold-standard antimicrobial agent, finding it effective against key periodontal pathogens, including Streptococcus mutans. This suggests its utility in combating oral microbes that contribute to plaque formation and periodontal diseases in dogs.

Khairnar et al.'s randomized controlled trial further underscores Calendula officinalis's efficacy in reducing dental plaque and gingivitis. The study highlights significant reductions in plaque and gingival indices among participants using Calendula mouthwash, substantiating the plant's role in oral health maintenance. Given the similarities between human and canine oral microbiota, these findings advocate for Calendula officinalis's use in managing dental health in dogs, especially as an adjunctive treatment following dental scaling. The reduction of plaque and gingivitis not only improves oral health but also contributes to the overall well-being of dogs, considering the systemic implications of periodontal diseases.

The appeal of Calendula officinalis extends beyond its antimicrobial capabilities; its wound-healing and anti-inflammatory effects are particularly beneficial for oral health, promoting faster recovery from dental procedures and reducing inflammation associated with gingivitis and periodontitis. This holistic approach, favouring natural over synthetic remedies, aligns with the growing preference for sustainable and less intrusive veterinary care options, emphasizing Calendula officinalis's relevance in contemporary veterinary medicine.

Aloe Vera Extract: *Wound healing*

Aloe vera is widely recognized for its comprehensive therapeutic properties, which include soothing, antioxidant, anti-inflammatory, analgesic, antimicrobial, antiproliferative, and wound-healing effects. Its application in oral health products is particularly notable for its ability to heal gum injuries, reduce inflammation, and combat plaque-forming bacteria. This effectiveness is supported by numerous studies that underline the role of aloe vera in the management of gingivitis and periodontitis, showcasing its benefits in both preventing and treating these conditions.

The plant's extracts are rich in compounds that exhibit significant antioxidant and anti-inflammatory effects, offering protection against oxidative stress and inflammation, factors commonly associated with oral diseases in dogs. The chronic inflammation of gums and oral tissues is a leading cause of periodontal disease, and aloe vera's properties can play a crucial role in preventing or slowing the progression of such diseases.

Moreover, the antimicrobial properties of aloe vera contribute to controlling the growth of harmful bacteria responsible for dental plaque, gingivitis, and periodontitis in dogs. By effectively reducing the bacterial load in the oral cavity, aloe vera aids in maintaining oral health and preventing disease onset.

Aloe vera's capacity to promote wound healing is especially beneficial for treating oral injuries, ulcerations, or following dental procedures. Its wound-healing capabilities accelerate the recovery process, minimize scar tissue formation, and enhance the overall healing in the oral cavity. Additionally, the moisturizing and soothing effects of aloe vera gel offer relief for dogs suffering from dry mouth or irritation and discomfort due to oral health issues, thereby maintaining hydration of the oral mucosa and promoting healthier oral tissues.

Clinical trials and research have corroborated the efficacy of aloe vera in treating common periodontal diseases. Its ability to reduce inflammation, bleeding, and pocket depth while fostering healing underscores its value in preventing these conditions.

Start your Shy Tiger journey today!

Shy Tiger's innovative approach to oral health, through the synergistic incorporation of Ascophyllum nodosum, calendula extract, and aloe vera extract, offers a promising advancement in dietary supplements for dogs. This formulation introduces a natural, preventive strategy against the development of dental diseases. As veterinary professionals, embracing such holistic approaches can significantly enhance our approach in combating periodontal disease, thereby improving the quality of life for our canine patients.

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Safety Considerations:

Animals that are allergic or sensitive to seaweed, kelp, fish, shellfish, or any seafood should avoid use.

Do not administer this product to animals with thyroid conditions without a veterinarian's guidance. Although there are no documented side effects, the high iodine content in seaweed could be inappropriate for pets treated for thyroid issues.

There have been no studies focusing specifically on its effects in pregnant or lactating animals, it is advised not to give this product to pets in these conditions.

Consult a veterinarian before using Soothe + Dental Natural Oral Supplement if you have concerns.

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