



Periactil synopsis

This gel is to be used on the gums and the oral cavity, with probabilities that the effect will extend to the pharynx. It is highly effective in treating diseased gums, or, when used regularly to maintain oral health, it can prevent gingival events and upper respiratory bouts. In a longer sequence, maintaining oral health can benefit general wellbeing.

At the same time the product is designed as non cariogenic and for it to be fully edible. Complete gelatinization of starch, which is utilized in low proportions of 5%, and its combination with hydroethylcellulose HEC, result in a mixed gel with high adhesive ability toward the gums and oral cavity mucosa. The gel will not demineralize enamel and maintains a pH above such limit that can extend acid production by bacteria flourishing in dental plaque. The gelatinization process produces a gel containing amilose and amilopectin, elements that will not decompose into cariogenic sugars. During manufacturing the product is checked for negativity of Lugol and Benedict tests.

In this vehicle the active principle is suspended: a group of salts sharing a common P-N bond and generally shown to be non-toxic, that exhibit characteristics of both inorganic salts as well as organic, exerting a strong anti-inflammatory effect in chronic inflammatory conditions that involve the mucosal surfaces. These salts can be considered as GRAS (Generally Regarded as Safe) substance. The therapeutic action of this substance in periodontitis has been studied. Embedded in a mucoadhesive system the active principle will be delivered in a controlled manner, exerting a vigorous and sustained therapeutic effect. Complete safety of this substance is also well established and specially delivered in a controlled manner.

A small amount of glirescin present in the formulation will further protect against cavity formation. The upper hand of xylitol present in the formulation as a sweetener, substance widely known as a reducer of dental cavities and of nasopharyngeal bacteria in otitis media, toss to the arena a final product of particular uniqueness and hardly comparable to products developed to this date. Used in asthmatics together with Neumactil, it can strengthen upper respiratory mucosal immunity so that frequency of upper respiratory infections becomes uncommon and enhancing wellbeing of these patients.

The intra-oral physiologic equilibrium reached by the use of Periactil, allows convenient salivation that will favor clearing of any food residue escaping tooth brushing and that can have incidence in cavity formation during food intake intervals. This physiologic salivation will maintain oral pH at 7, or a little higher, which can be helpful in the re-mineralization of enamel.

Finally as referred, it is a completely edible product that can be swallowed and can be used routinely during healthy conditions, to improve on already favorable circumstances.

Use of Periactil gel in disturbances of gums and oral cavity

Periactil can be used for minor disturbances or when serious gum disease is present diagnosed the latter by your dentist and treated under his care.

Oral care after meals:

1. Rinse your mouth with water only. Brush your teeth with fluoride containing paste. Massage gently your gums with toothbrush. Don't use paste with peroxides. Rinse again with water.
2. After completing above steps, use Periactil gel. Extrude a small portion of the gel from the tube onto your index finger and massage your gums with it. Further amounts can be applied on your tongue, in

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your mouth, on lip junctions or a portion can be swallowed in case of throat disorders. The tongue can be used to further spread the gel.

In case of other specific problems as in the case of canker sores, an additional amount can be applied near the lesion. Periactil is designed to protect the oral cavity as a whole, so that there is no need for specific amounts of the gel to stay locally for long periods.

The above instructions will protect you from any problem that can arise in the gums and oral cavity. For specific lesions, other than gum disease, Periactil can be used as often as necessary until the problem disappears.

Besides Periactil curing and protecting your gums, it will defend your teeth by keeping an equilibrium that will control acid concentration in the oral cavity between meals, produced by bacteria in dental plaque.

Other products shouldn't be associated with Periactil, aside from fluoride containing toothpaste. Use of peroxides is strongly discouraged.

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