



# NANOCEUTICALS TODAY

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## *I can see, feel, and taste the difference!*

It all started when I rubbed some Microhydrin® powder on my teeth. The film that coats teeth disappeared so quickly that my teeth squeaked!

That is when we began our tests to discover all the effects of Microhydrin both as a nutritional antioxidant and as a dentifrice. We found:

1. It cleans teeth because it reduces surface tension -- allowing water to wash away dental debris, and it softens the adhesion of dental plaque.
2. It is very alkaline, it counteracts acidic food particles that tend to eat away tooth enamel. It raises mouth pH toward the ideal of 6.5 to 6.75 pH. Bacteria grow at a lower pH.
3. Dental debris (called materia alba) is an oxidized combination of bacteria, mouth cells, and food particles. Drug store tooth pastes are also oxidized. To counteract the damaging effect of oxidized dental debris, you need a potent anti-oxidant like Microhydrin (watch it reduce ORP in tap water from +250 mV to -600 mV).

Because of these benefits, we decided to combine Microhydrin with other outstanding teeth-cleansing ingredients and create a superior dentifrice. We included:

**Calcium carbonate:** a safe form of calcium, with a high cleaning index.<sup>1</sup>

**Sodium bicarbonate:** an oral antacid, electrolyte and alkalizing agent.<sup>2</sup>

**Magnesium carbonate:** an alkaline mineral essential for many intracellular enzyme activities and other functions.<sup>2</sup>

**Xylitol:** adds pleasant taste

**Quillaja:** a cleansing plant extract.

**Aloemannan (Aloe vera gel powder):** forms a soothing gel.

**Sodium alginate:** an algae extract used as a hydrogel in dental products.

**Menthol:** a peppermint extract used as a coolant orally with an analgesic effect.

**Glycine:** an amino acid that also improves taste.

**Potassium benzoate:** a preservative to inhibit bacterial growth.

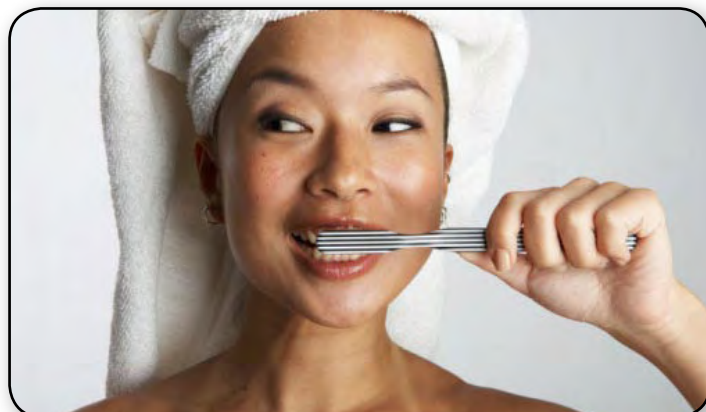
This formulation became:

## MicroBrite®

For whiter teeth and Healthier gums

### References:

1. Henkel KGaA. *Cleaning power and abrasivity of European toothpastes.* *Adv Dent Res* 1997;11;4:576-9.
2. *Mosby's Medical Dictionary 5th Edition, 1998.* Lois E. Anderson. Mosby-Year Book Inc. St. Louis Missouri.



"When I use MicroBrite I can see, feel and taste the difference. The dentist commented on how good my teeth and gum-line looked. After I use MicroBrite my teeth feel as polished and clean as they do when I have them cleaned professionally. The Microhydrin antioxidant in the tooth powder helps breakdown the deposits and buildup that causes problems."

— Reamus L.  
Ft. Worth, Texas

"I use MicroBrite toothpowder all the time now. I have always drunk a lot of iced tea and it removed the stains from my teeth in about 10 days after I started using it. I haven't used any other type of tooth-paste since MicroBrite was available for the last 7 years."

— Larry R.  
Hazelhurst MS

"Once I started using MicroBrite, I can't go back to any other toothpaste product. My dentist says my teeth are in good shape. I brush more often because I want that squeaky clean, fresh feeling."

— MarliSS S.  
California

"I began using MicroBrite because I was a plaque-builder. It worked well. Now I buy 50 bottles at a time for me and my customers. Also by taking Microhydrin daily my saliva pH has improved from 4.9 to 6.7."

— Jimmy G.  
Texas

## Microhydrin as a Mouthwash

"I have particularly experienced benefits by using Microhydrin dissolved in water (diluted ½ capsule in ¼ cup of water) and using this as a mouth wash."

— Dr. G.S.  
Dentist