

PRIMAL DEFENSE™ ULTRAZORBE™ CAPLETS **Nature's First Probiotic**

Primal Defense™ has been awarded the Diabetes Resource Center's "Seal of Approval" as a beneficial food for diabetic consumption.

- The only probiotic that contains HSOs™ (Homeostatic Soil Organisms)
- Grown in a base of nutrient dense Superfoods
- Contains naturally occurring "Live Enzymes"
- 14 strains of probiotics
- Formulated with Poten-Zyme™ and MDS™ (Microflora Delivery System)
- Specially cultured probiotic strains designed to be resistant to Heat, Cold, Stomach Acids, Chlorine, Fluorine and Ascorbic Acid
- Substrate contains over 100 naturally occurring vitamins and minerals
- Does not require refrigeration

What is Primal Defense™?

Primal Defense™ is a natural whole food probiotic blend of HSOs™ (Homeostatic Soil Organisms) designed to optimize the health of the human digestive tract and immune system. Primal Defense™ is produced using the Poten-Zyme™ process and the Microflora Delivery System™. Primal Defense™ contains the same nutrients that have been used for thousands of years by some of the healthiest and longest living people in the world.

Why do we need Primal Defense™?

Beneficial soil and plant based microbes used to be ingested as part of food grown in rich, unpolluted soil. However, for the last 50 years we have been sterilizing our soil with pesticides and herbicides, destroying most bacteria both bad and good. Our modern lifestyle, which includes antibiotic drug use, chlorinated water, chemical ingestion, pollution and poor diet, is responsible for eradicating much of the beneficial bacteria in our bodies. A lack of beneficial microbes often results in poor intestinal and immune system health, contributing to a wide range of symptoms and illnesses. The following symptoms may result from a lack of probiotics:

- Gas, Bloating and Indigestion
- Diarrhea and/or Constipation
- Bad Breath and Body Odor
- Candida Yeast Infections
- Chronic Fatigue and Fibromyalgia
- IBS (Irritable Bowel Syndrome)
- Skin problems such as Acne, Eczema and Psoriasis
- Delayed development in children
- High Cholesterol Levels
- Frequent Colds and Flu

What are HSOs™ (Homeostatic Soil Organisms)?

The main component in Primal Defense™ is the HSOs™, which have been used for over 22 years by thousands of health practitioners. The naturally occurring colony arrays of probiotics are non-mutated from the original cultures found in unpolluted soil and plants and are now cultured in U.S. laboratories using the discoverer's proprietary methods. The HSOs™ are in a substrate of nutrient rich superfoods providing vitamins, minerals, trace elements, enzymes and proteins. The probiotics are then made dormant using the Microflora Delivery System™, which protects the probiotics and delivers them directly to the GI tract where they multiply and flourish.

How do HSOs™ Work?

Impervious to stomach acids and the digestive process, the microorganisms move through the stomach to the intestinal tract where they form colonies along the intestinal walls. HSOs™ multiply in the intestines and actually compete with harmful bacteria and yeasts for receptor sites, crowding out the pathogens and taking up residence. Once established, the organisms quickly begin producing the proper environment to absorb

nutrients and help to re-establish the proper pH. According to early research and anecdotal evidence the following is a summary of the actions of HSOs™.

- HSOs™ work from the inside of the intestines dislodging accumulated decay on the walls and flushing out waste.
- HSOs™ break down hydrocarbons, a unique ability to split food into its most basic elements allowing almost total absorption through the digestive system. This increases overall nutrition and enhances cellular development.
- HSOs™ produce specific proteins that act as antigens, encouraging the immune system to produce huge pools of uncoded antibodies. This increased production of antibodies may significantly boost the body's ability to ward off diseases.
- HSOs™ are very aggressive against pathological molds, yeasts, fungi, bacteria, parasites and viruses.
- HSOs™ work in symbiosis with somatic (tissue or organ) cells to metabolize proteins and eliminate toxic waste.
- HSOs™ stimulate the body to produce natural alpha-interferon. Alpha interferon is a potent immune system enhancer and a powerful inhibitor of viruses.
- HSOs™ provide critical Lactoferrin supplementation. The microbes produce lactoferrin as a by-product of their metabolism. Lactoferrin is an iron binding protein essential for retrieving iron from foods.

What is the difference between Primal Defense™ and other Probiotics?

Even if they manage to get through the destructive stomach acids, most probiotic supplements can have a hard time implanting in colons that are pH imbalanced or have too many harmful bacteria. HSOs™ are designed to implant in any colonic environment. The Microflora Delivery System™ makes sure that the probiotics colonize throughout the digestive tract where they can work their magic. The probiotics contained in Primal Defense™ are grown and incorporated into a living whole food substrate using the Potenzyme™ process. This puts the bacteria into their home, if you will, allowing them to thrive on their long journey through the GI tract. Most probiotics on the market today will grow bacteria and then, in a centrifuge, separate them from their substrate. We believe the substrate is as important as the probiotics themselves. Many probiotics have included fructooligosaccharides (FOS) in their product. FOS is an indigestible sugar that may cause digestive disturbances in certain individuals. Primal Defense contains no FOS. Since most probiotic supplements contain live cultures, they are temperature and age sensitive; therefore requiring refrigeration. If room temperature can begin to degrade these probiotics, imagine what the warm human body will do. The HSOs™ are dormant in the caplet and activated by fluids. Primal Defense™ requires no refrigeration. Many probiotics on the market measure their potency in colony forming units (CFU). In Primal Defense™, it's not the quantity of probiotics, it's the quality. The probiotics in Primal Defense™ are hardy and are designed to resist heat, cold, stomach acid, chlorine, fluorine, ascorbic acid and bile. The efficacy of a probiotic should be based upon the ability of the product to "on ferment" foods. If you want to test the viability of a probiotic product, simply drop a few caplets in 2-4 ounces of milk and leave at room temperature for 24-48 hours. If the probiotic is viable, the milk will change to a thick yogurt-like consistency. This measures the ability of a probiotic to produce enzymes and break down or pre-digest food. If a probiotic cannot pass this simple test, do you think it will be capable of doing it's job in your body?

What are Physicians saying about Primal Defense™?

"I use quite a bit of Primal Defense™ for tough cases of bowel toxemia and irritable bowel syndrome. My patients like it, and I attest to Primal Defense™ being a superior product for gut metabolism." James Privatera, MD

"Almost all people who consult me for the care of irritable bowel syndrome, candidiasis, Lyme disease, or infections get their gut flora changed to healthier consistencies by my

prescribing Primal Defense™ for them. I am invariably using one of the lactobacillus preparations, and the HSOs™ of Primal Defense™ are the top of the line, the 'Cadillac' of lactobacilli." Seldon Nelson, DO

"For many years now I have been involved in alternative medical care and integrated medicine. In the search for effective, safe remedies, I am constantly reviewing product claims and anecdotal reports. More often than not they fail to meet my expectations, that is, except for Primal Defense™. This product generated the most affirmative response I have ever seen." Charles Hamel, MD.

Two Primal Delivery Systems

Primal Defense™ comes in two easy to use forms: Powder and UltraZorbe™ caplets. UltraZorbe™ caplets utilize a proprietary technology which requires no heat and fully preserves the delicate probiotics and enzymes contained in the product. UltraZorbe™ caplets are designed to provide rapid disintegration and dissolution to completely deliver the nutrients in a timely fashion. Just drop a few caplets in water and see for yourself.

Primal Defense™ is a natural whole food probiotic blend of HSOs™ (Homeostatic Soil Organisms) utilizing the Poten-Zyme™ Process and the Microflora Delivery System™. Each 900mg Primal Defense™ serving contains the following 14 non-dairy probiotic strains:

- Lactobacillus Acidophilus
- Lactobacillus Bulgaricus
- Lactobacillus Plantarum
- Lactobacillus Brevis
- Lactobacillus Caucasicus
- Lactobacillus Fermenti
- Lactobacillus Helveticus
- Lactobacillus Leichmannii
- Lactobacillus Lactis
- Lactobacillus Caseii
- Bifidobacteria Bifidum
- Saccharomyces Boulardii+
- Bacillus Subtilis
- Bacillus Lichenformis

All components are created within our proprietary host medium of 100% bio-available pre-digested Superfoods (Spirulina, Chlorella, Dunaliella, Kamut Grass*, Wheat Grass*, Barley Grass*, Oat Grass*, Alfalfa Grass*), Whole Food Blend containing PhytoSterols/Sterolins (Sweet Potato*, Flax Seed*, Sesame Seed*, Sunflower Seed*, Pumpkin Seed*, Ginger*), Ionic Plant Based Minerals.

Other Ingredients: cellulose and magnesium stearate (vegetable source).

* Certified Organic

Foods are 100% pre-digested using the Poten-Zymetm process.

+ Saccharomyces Boulardii is a lactic acid yeast that does not promote the growth of Candida Albicans.