



K24 CLEARVITE-SF®

A nutritional hypoallergenic protein powder product and cleansing program.

USE OF PRODUCT

This product may be used as a dietary supplement to assist in hypoallergenic clearing programs that may be useful in detoxification programs as well as inflammatory or allergic conditions.

DIRECTIONS

DIRECTIONS: Mix 1 scoop with up to 8 ounces of water, juice, or rice milk. Mix well before drinking. For best results use a blender. The use of cow's milk or soy milk is not recommended with this product.

Supplement Facts

Serving size 1 scoop (35g)

Servings per container 21

Amount Per Serving	% Daily Value	Amount Per Serving	% Daily Value
Calories	122		
Calories from fat	12.5		
Total Fat	1.4 g	2%†	
Total Carbohydrates	15.4 g	5%†	
Dietary Fiber	4 g	16%†	
Sugar	1.7 g	*	
Protein	12 g	24%†	
Vitamin A (as beta carotene)	1700 i.u	34%	
Vitamin C (as calcium ascorbate)	250 mg	417%	
Vitamin D (as cholecalciferol)	100 i.u	25%	
Thiamin (as thiamin hcl)	4 mg	267%	
Riboflavin	4 mg	235%	
Niacin (as niacinamide)	8 mg	40%	
Vitamin B6 (as pyridoxal 5 phosphate)	8 mg	400%	
Folic acid	100 mcg	25%	
Vitamin B12 (as cyanocobalamin)	150 mcg	2500%	
Biotin	150 mcg	50%	
Calcium (as calcium citrate)	170 mg	17%	
Phosphorus (as monosodium phosphate)	16 mg	2%	
Magnesium (as magnesium citrate)	100 mg	25%	
Zinc (as zinc monomethionine)	4 mg	27%	
Selenium (as selenomethionine)	15 mcg	21%	
Manganese (as manganese ascorbate)	8 mg	400%	
Chromium (as chromium polynicotinate)	85 mcg	71%	
Molybdenum (as molybdenum chelate)	85 mcg	112%	
Sodium (as sodium sulfate, chloride)	75 mg	3%	
Evening Primrose powder	900 mg	*	
Inulin	900 mg	*	
Medium Chain Triglycerides	500 mg	*	
L-Glutamine	480 mg	*	
Glycine	240 mg	*	
Quercitin	165 mg	*	
Rutin	165 mg	*	
Hesperiden	100 mg	*	
L-Lysine	100 mg	*	
Enzyme Blend (amylase, cellulase, gluconase, protease)	80 mg	*	
Milk Thistle Seed extract	80 mg	*	
Taurine	80 mg	*	
Marshmallow root	60 mg	*	
L. Acidophilis	4.5 billion CFU	*	
N-Acetyl Cysteine	40 mg	*	
Choline (as choline bitartrate)	40 mg	*	
Grape Seed extract	20 mg	*	
Jerusalem Artichoke	20 mg	*	
Gamma Oryzanol	15 mg	*	

† Daily Values are based on a 2,000 calorie diet.

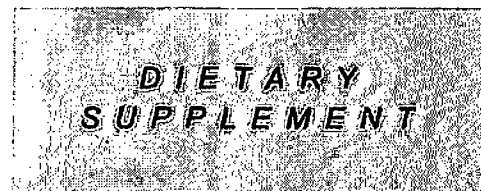
* Daily Value not established

Other ingredients: rice protein, rice maltodextrin, dried apple powder, methylcellulose, dried blueberry powder and flavor, xylitol, vanilla flavor, Lo Han® fruit extract.

Statements in this flyer have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.

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CLEARVITE-SF® METABOLIC FOOD: ClearVite-SF® is a nutritional hypoallergenic protein powder product and a cleansing (detoxification) program. Certain nutritional factors play extremely important roles in the proper functioning of the cellular cleansing processes. The body's natural detoxifying ability will deteriorate if these nutrients are deficient or lacking at the cellular level. In addition, certain botanicals and botanical extracts have been shown to strengthen the cells and maximize the processes that are involved in detoxification reactions. ClearVite-SF® provides the necessary nutritional compounds and the botanical extracts that have been recognized to be pivotal in the body's *natural abilities to neutralize and expel toxins*.

ClearVite-SF® is an excellent source of very high quality vitamins, minerals, and numerous nutritional factors. The protein source is derived from rice, which generates a superior quality hypoallergenic (having little likelihood of causing an allergic response) protein. In addition, it provides other lipotropic (promoting the breakdown and utilization of fat) nutrients, herbal compounds that stimulate formation of bile, bile secretion, and elimination, and numerous nutritional cofactors and botanical extracts that support *phase I* and *phase II* detoxification reactions. Long-term practical experiences by outstanding clinicians and scientists have been employed to design ClearVite-SF®. Methodical scientific procedures have been used to analyze biochemical reactions and functional organic disorders stemming from chronic environmental and biological toxicities. Each ingredient in the product has been investigated extensively by different scientists for its effect and functionality in supporting biochemical reactions that take place in the liver and different detoxification pathways. ClearVite-SF® should be an integral part of any detoxification program and treatment protocol for complex health issues. It can be extremely beneficial to those patients who demonstrate gallstone type symptoms, imbalanced hormonal patterns, PMS, menopause, or any other condition in which optimizing the clearance of hormones is indicated. It can also help to normalize the digestive processes in people that have had their gallbladder removed.

THE FUNCTIONAL SPECIFICITY OF CLEARVITE-SF® INGREDIENTS

MACRONUTRIENTS: Vegetable proteins are often considered to be incomplete to meet human needs for essential amino acids. *Among the plant proteins, soy and rice provide sound nutrition, but rice protein offers additional benefits.* Soy protein often is difficult for people to digest and may pose allergy risks, plus some simply do not like the taste. Rice protein

actually is utilized more efficiently by the body than soy. Volunteer subjects eating diets in which the protein was derived virtually exclusively from rice, when compared with those eating both rice and chicken showed no significant difference in nitrogen balance, indicating that their protein intake was sufficient. Many individuals are allergic or sensitive to dietary protein from different sources, such as wheat, soy, etc. Rice protein is a hypoallergenic protein and suitable for use by those with food allergies and has even been used for tube feeding of infants, the elderly, and the severely ill. Carbohydrates in ClearVite-SF® come from rice maltodextrin as a complex carbohydrate source.

MICRONUTRIENTS: ClearVite-SF® provides the necessary vitamins and minerals that are required as cofactors in *enzymatic reactions* involved in hepatic detoxification processes. These vitamins and minerals are selected from the highest quality, most soluble and biologically available forms to measure their absorption and assimilation. Vitamin B6 (P-5-P), vitamin D3, mixed carotenoids, zinc and manganese gluconate, selenium amino acid chelate, magnesium citrate, chromium and molybdenum picolinate, calcium, and potassium citrate are examples of such high quality ingredients. A number of amino acids such as N-Acetylcysteine, Methionine, Taurine, L-Glutamine, Glutamic Acid, necessary for a variety of biochemical reactions including, sulfation, and methylation, are included in the formula to support *phase I* and *II* detoxification reactions.

OTHER NUTRITIONAL COMPOUNDS, AND BOTANICALS: Strong antioxidants such as quercitin, grape seed extract, green tea extract, herbs, and herbal extracts such as milk thistle seed extract have been included in the formula to improve hepatic cell growth and recovery, and to increase bile solubility. Glutathione and Glycine have been added to enhance conjugation reactions. Lysine has been added to further improve amino acid balance in rice protein. Digestive enzymes such as invertase, cellulase, maltase, and amylase have been added to improve digestion and absorption of the nutrients. Additional herbal and nutritional compounds such as Jerusalem artichoke, Marshmallow, Gamma Oryzanol, Rutin, Hesperidin, MSM (Methyl Sulphonyl Methane), Evening Primrose Oil, and Medium Chain Triglycerides have been incorporated in the formula each for very specific scientifically supported reasons to make this product one of the most effective product of this category in the market.

Number of Servings of ClearVite-SF® to be taken:

Three Week Plan (21 Days)

Days "Phases"	# of Servings of ClearVite-SF®	Time to take		
		Breakfast	Lunch	Dinner
Days 1 to 4 "Preparation Phase 1"	1 Serving	One Serving Before Breakfast		
Days 5 to 7 "Preparation Phase 2"	2 Servings	One Serving Before Breakfast		One Serving Before Dinner
Days 8 to 14 "Detoxification"	3 Servings	One Serving Before Breakfast	One Serving Before Lunch	One Serving Before Dinner
Days 15 to 17 "Completion Phase 1"	2 Servings	One Serving Before Breakfast		One Serving Before Dinner
Days 18 to 21 "Completion Phase 2"	1 Serving	One Serving Before Breakfast		

Two Week Plan (14 Days)

Days "Phases"	# of Servings of ClearVite-SF®	Time to take		
		Breakfast	Lunch	Dinner
Days 1 & 2 "Preparation Phase 1"	1 Serving	One Serving Before Breakfast		
Days 3 & 4 "Preparation Phase 2"	2 Servings	One Serving Before Breakfast		One Serving Before Dinner
Days 5 to 10 "Detoxification"	3 Servings	One Serving Before Breakfast	One Serving Before Lunch	One Serving Before Dinner
Days 11 & 12 "Completion Phase 1"	2 Servings	One Serving Before Breakfast		One Serving Before Dinner
Days 13 & 14 "Completion Phase 2"	1 Serving	One Serving Before Breakfast		

Patients using ClearVite-SF® for the first time should be encouraged to complete the three week (21 days) plan. The two week (14 days) plan is designed to be used as a follow-up plan. The two week plan may also be recommended to those patients who, due to certain health issues, are not able to tolerate the three week plan. Patients should not deviate from the plan unless recommended by the health practitioner.



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CLEARVITE-SF[®]

KEY INGREDIENTS RESEARCH COMMENTARY

MEDIUM CHAIN TRIGLYCERIDES (MCTs) are derived from coconut oil and range in length from 6 to 12 carbons. Their lengths allow for an easily absorbed energy source for people with malabsorption syndromes. Unlike other long-chain fatty acids, they do not require pancreatic enzymes or bile acid for absorption. MCTs are rapidly utilized by gastrointestinal mucosa cells for energy and may aid gastrointestinal regenerative processes and provide a useful source of energy for people that suffer from malabsorption.^{1 2}

GAMMA-ORYZANOL is an ester of ferulic acid that is isolated from rice bran oil. It has demonstrated powerful antioxidant ability in experimental studies.^{3 4} Gamma-oryzanol has demonstrated effectiveness in numerous gastrointestinal disorders including, ulcers, irritable bowel syndrome, gastritis, and even non-specific gastrointestinal conditions. In addition to having an anti-inflammatory impact, it also seems to have normalization properties over the gastrointestinal nervous system.^{5 6 7}

BIOTIN is an important vitamin that is important for the utilization of fats and amino acids by the body, but may become depleted in individuals that suffer from unhealthy gastrointestinal flora. A major portion of human biotin supply is provided by healthy intestinal microflora. In cases of dysbiosis, biotin deficiency may become apparent. Biotin is important for strong nails, healthy hair, it aids in the synthesis of fatty acids, it enhances insulin sensitivity, and aids in the removal of the amine groups in the metabolism of amino acid important for cell growth and replication.⁸

GLUTAMINE is the preferred fuel source for the cells of the small intestines and has shown to be helpful in improving the regeneration and repair of the intestinal lining. It has shown to increase the number of cells in the small intestine, the number of villi on those cells, and the height of the villi. Glutamine reduces permeability of the lining which may accompany "leaky gut" patterns that may lead to inflammation and the development of delayed food intolerances.^{9 10 11}

LACTOBACILLI ACIDOPHILUS has long been noted for the role it plays as a probiotic organism to maintain healthy gastrointestinal environment. These healthy organisms, part of the normal gastrointestinal microflora, have been shown to inhibit growth and attachment of adverse non-beneficial bacteria and pathogens. *L. acidophilus* produces metabolic byproducts known as bacteriocins that inhibit and antagonize unhealthy bacteria.^{12 13 14}

JEURUSALEM ARTICHOKE AND INULIN are prebiotics and provide a good source of short-chain fatty acids known as fructo-oligosaccharides (FOS). These prebiotics have shown the ability to improve healthy bacteria, especially Bifidobacteria, and also reduce the colonization of unhealthy bacteria. In addition to improving gastrointestinal bacterial microecology, they increase the levels of short-chain fatty acids such as butyrate, and improve liver function and the elimination of toxic compounds.^{15 16}

MARSHMALLOW ROOT is used to support repair and quench inflammation of the intestines. It enhances mucosal cell secretions, improves microflora ecology, and coats the intestinal tract to protect injured cells.¹⁷

QUERCITIN is a very powerful anti-inflammatory flavonoid because it directly inhibits the initial cellular mediators in the inflammatory cascade such as arachadonic acid, present with inflammatory disorders of the upper or lower bowel. It also directly inhibits the manufacture and release of histamines that are involved with allergic responses.^{18 19}

GRAPE SEED EXTRACT contains very powerful anti-inflammatory flavonoids called proanthocyanidins (PCO) that have shown to prevent the release of compounds that promote inflammation and allergy such as histamines, serine proteases, prostaglandins, and leukotrienes.²⁰

RUTIN AND HESPERIDEN are natural antioxidants with powerful antioxidant and healing properties important in inflammatory conditions of the gastrointestinal tract. Their primary impact is on quenching the inflammatory prostaglandin cascade by inhibiting the pro-inflammatory enzymes responsible for producing inflammatory prostaglandins and leukotrienes.²¹

EVENING PRIMROSE increases the production of prostaglandin E2 series which promotes healing and repair of the gastrointestinal tract. This may be important in cases of gastric ulcers or in cases which increased gastrointestinal permeability exists.

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KEY INGREDIENTS/RESEARCH COMMENTARY (CONTINUED)

MILK THISTLE (SILYBUM MARIANUM) has the ability to increase the solubility of bile and its use has been shown to significantly reduce biliary cholesterol concentrations and bile saturation index.²² It has potent antioxidant activity, which supports phase I detoxification and prevents the depletion of hepatic glutathione which is important for phase II detoxification.^{23 24 25} Silybum marianum has anti-inflammatory chemical properties that are inhibitors of inflammatory prostaglandins and leukotriens as well as chemical properties that promote protein synthesis for the replacement of damaged liver cells.^{26 27 28 29}

ENZYME BLEND - The enzymes used in this formula are amylase, cellulose, glucanase, and protease. These are the enzymes of the intestinal brush border and provide digestive support with reduced potential for the enzymes to create further destruction of the intestinal lining. Enzyme blends that are not found in the small intestine brush border may have the potential to digest the healthy gastrointestinal lining in compromised individuals.

OTHER PRODUCTS TO CONSIDER

Used In Conjunction with ClearVite to Maximize the Detoxification Program:

K10 Metacrin-DX™: This product provides the vitamin substrates and amino acids required for Phase I and II detoxification, as well as herbs that support detoxification reactions, hepatic cell growth, and RNA synthesis.

R02 Bile Ducts: Regenerates the bioenergy of the bile ducts. Regulates bile acid secretion. Aids patients with a history of gallstones, or when the gallbladder is removed. This unique product uses three potent drainage ingredients based on French drainage technology.

K11 BileMin™: This product provides lipotropic nutrients and herbal compounds that stimulate bile synthesis, enhance bile formation, bile secretion, stasis, and elimination. It can be extremely beneficial to those patients who complain of gallstone type symptoms, imbalanced hormonal patterns, PMS, menopause, or any other condition in which optimizing the clearance of hormones is indicated.

A01 Cellular Recharge™: This product is designed to be taken before undertaking a detoxification program. It helps to energize and recharge cellular metabolic processes.

K14 Methyl-SP™: Methylation reactions are crucial steps in the phase II, detoxification pathways. This product provides the major nutrients and cofactors necessary to support methylation reactions. It also contains compounds that help to metabolize homocysteine, and bile synthesis metabolism.

A02 Gentle Drainage™: This product is designed to provide gentle support and drainage of the connective tissue and elimination organs. It works very well for very sensitive patients and allergic cases. Specially selected ingredients help clear elimination channels and offer needed support for these organs before taking stronger acting detoxification products.

N05 Lymphotox®: A mild and effective lymph drainage formulation, invaluable for detoxification and drainage of the lymphatic congestion, and reticuloendothelial systems.

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