



**BioCleanse™ Powder**  
Serving Size 45.5g (2 scoops)  
Servings Per Container 21

	Amount Per Serving
Calories	170
Total Carbohydrates	17 g
Complex	12 g
Simple	5 g
Dietary Fiber	1.5 g
Protein	14 g
Total Fat	5.5 g
Cholesterol	0 mg
<b>VITAMINS</b>	
Vitamin A (as Betatene mixed carotenoids and Palmitate)	5000 IU
Vitamin D3 (cholecalciferol)	80 IU
Vitamin C (sodium ascorbate)	300 mg
Vitamin E (d-alpha tocopherol)	80 IU
Vitamin B1 (thiamin hydrochloride)	2 mg
Vitamin B2 (riboflavin 5' phosphate)	2 mg
Vitamin B3 (niacinamide)	7 mg
Pantothenic Acid (calcium pantothenate)	36 mg
Vitamin B6 (pyridoxal 5' phosphate)	3.4 mg
Vitamin B12 (cyanocobalamin)	3.6 mg
Biotin	135 mg
Folate (Folic Acid)	80 mcg
<b>MINERALS</b>	
Sodium	120 mg
Potassium (dipotassium phosphate and rice protein)	440 mg
Calcium (citrate and rice protein)	225 mg
Magnesium (glycinate)	200 mg
Iron (glycinate and rice protein)	4.6 mg
Phosphorus (rice protein and dipotassium phosphate)	235 mg
Iodine (potassium iodide)	53 mcg
Zinc (glycinate)	10 mg
Copper (glycinate)	1 mg
Manganese (glycinate)	1 mg
Chromium (nicotinate)	50 mcg
Selenium (selenomethionine)	40 mcg
<b>SPECIALTY NUTRIENTS</b>	
L-Glycine	1500 mg
L-Lysine	540 mg
L-Threonine	540 mg
N-acetyl cysteine (NAC)	50 mg
L-cysteine	10 mg
Taurine	150 mg
Sodium sulfate	75 mg
MSM (methylsulfonmethane)	100 mg
Calcium D-Glucarate	200 mg
Silymarin (Milk thistle)	200 mg
<b>CALORIC DISTRIBUTION</b>	
Carbohydrate	40% of calories
Protein	30% of calories
Fat	30% of calories

## BIO-CLEANSE™ POWDER

### COMPREHENSIVE CLEANSING AND BODY COMPOSITION FORMULA

- Chelation and clearing of metabolic and xenobiotic (environmental) toxins
- Supports liver detoxification
- Helps balance blood glucose levels
- Multivitamin/Multimineral

When your patient can benefit from a comprehensive cleansing program, try BioCleanse™ for positive results. BioCleanse™ is designed to help the body rid itself of toxins. These toxins may be metabolic waste or they may be environmental, such as heavy metals, pesticides, herbicides, solvents, drug residues, etc. BioCleanse™ is a state-of-the-art system designed to remove toxins from the nervous system and connective and fatty tissues. After removal, BioCleanse™ assists your liver in neutralizing and removing them from the body. It does this by assisting the liver's Phase 1 and Phase 2 detoxification pathways. BioCleanse™ helps the liver convert an insoluble toxin, which is difficult to remove, to a more soluble toxin. Because BioCleanse assists the body and the liver in a deep cleansing, the whole treatment is smooth and relatively easy to accomplish. In fact, the balanced proportions of protein, carbohydrate, and fats help to keep blood sugar levels and energy up. A typical detox program can last anywhere from 17 to 33 days. To get the most out of the BioCleanse™ detox, your patient should follow the BioCleanse™ Diet.

**BIOLOGICALLY ACTIVE B VITAMINS** are taken up and used "as is" by the cells of the body. They place no burden on the liver to phosphorylate them or on the kidneys to eliminate them. In contrast, biologically inactive B vitamins must go through an activation process, which takes place in the liver. Unfortunately, most products supply their B vitamins in the inactive form. These are rapidly removed from the blood stream by the kidneys and excreted from the body leaving little time for the liver to convert them into active forms. Biologically active B vitamins take part in numerous chemical processes including detoxification.

**MINERALS** are critical to your health and to your body's ability to properly detoxify. However, for minerals to be of any therapeutic benefit you must absorb them.



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## BIO-CLEANSE™

### COMPREHENSIVE CLEANSING & BODY COMPOSITION FORMULA

**CONTRAINDICATIONS:** A history of previous sensitivity to any of the product's ingredients. Any condition for which any of the ingredients in this product are adverse or contraindicated. Any disease state managed by pharmaco-therapy for which alterations of serum drug levels secondary to changes in hepatic metabolism could be life threatening.

**CAUTION:** Excessive vitamin A intake may be toxic. Excess vitamin A intake may increase the risk of birth defects. Pregnant women and women who may become pregnant should not exceed 5,000 IU total per day of pre-formed vitamin A. BioCleanse™ has not been tested in pregnancy, in breastfeeding women, or in studies with children and, therefore, cannot be recommended for use with these patients.

**BIOCLEANSE™ IS HYPOALLERGENIC:** BioCleanse™ is free of wheat, rye, oats, barley, corn, dairy, egg and peanut. No fillers or artificial colors/flavors are used.

**INGREDIENTS:** rice protein concentrate, rice syrup solids, safflower oil, medium chain triglycerides, magnesium glycinate, natural flavors, calcium glycinate, glycine, dipotassium phosphate, sodium ascorbate, milk thistle extract, calcium d-glucarate, taurine, L-lysine, methyl sulfonyl methane, d-alpha tocopherol, sodium sulfate, L-threonine, N-acetylcysteine, calcium pantothenate, zinc glycinate, beta carotene, iron glycinate, L-cysteine HCl, copper glycinate, L-selenomethionine, niacinamide, pyridoxal 5 phosphate, manganese glycinate, riboflavin 5 phosphate, thiamin HCl, vitamin A palmitate, cholecalciferol, chromium nicotinate, biotin, folic acid, potassium iodide, Cyanocobalamin

Unlike many products, BioCleanse™ does not cut costs here. In BioCleanse™ you will find only the best fully bonded mineral transporters available. These carriers provide the highest absorption and transportation to key sites in the body where each mineral can support the cells' health and detoxification capacity.

**SPECIALTY NUTRIENTS** are present in clinically relevant levels to provide additional antioxidant/anti-inflammatory protection and support both Phase 1 and Phase 2 detoxification pathways in the liver.

**N-ACETYL L-CYSTEINE (NAC)** is a form of the amino acid L-cysteine. It acts as an antioxidant by promoting the production of glutathione, a detoxification molecule. NAC protects against lipid hydroperoxidases and hydrogen peroxide.

**TAURINE** assists the liver in Phase 2 detoxification by contributing to conjugation and xenobiotic compounds. This role of taurine is essential in neutralization and clearance of toxins.

**SODIUM SULFATE** provides essential sulfur for sulfation conjugation detoxification processes in the liver. This is especially important for persons with impaired detoxification capacity. Often these individuals cannot convert organic sulfur (cysteine, methionine, etc.) into inorganic sulfur (sodium sulfate) efficiently. Inorganic sulfur is necessary for sulfation conjugation activity.

**L-CYSTEINE AND METHYLSULFONYLMETHANE (MSM)** supply additional organic sulfur for sulfoxidation support and as a source for additional inorganic sulfur production.

**CALCIUM D-GLUCARATE** supports the process by which healthy cells eliminate waste and foreign elements. It does this by regulating the activity of the enzyme Beta-glucuronidase. In this way it supports the glucuronidation detoxification cellular cleansing process.

**SILYMARIN** has been shown to increase glutathione and superoxide dismutase levels. Silymarin protects the liver from free radical damage and enhances repair and regeneration of liver cells.