

Sun Cleanse For Life



Clinical Applications

- Supports Natural Detoxification Mechanisms*
- Supports Gastrointestinal Health*
- Supports a Balanced Cytokine Profile*
- Lactose-Free Vegan Protein*

*Sun Cleanse For Life is a comprehensive, fructose-free, low-allergy-potential dietary supplement designed to support gastrointestinal (GI) function and balanced detoxification. It features Vegan Protein Blend, SunQiFitness's proprietary amino acid and pea/rice protein blend; Aminoger®, to facilitate protein absorption; phytonutrients; mineral amino acid chelates; and activated B vitamins, including Quatrefolic®† and methylcobalamin. In conjunction with a modified elimination diet, Sun Cleanse For Life addresses GI and hepatic function as well as eicosanoid balance and cytokine metabolism. This formula is suitable for vegans.**

All Sun Qi Fitness Formulas Meet or Exceed cGMP Quality Standards

Discussion

Sun Cleanse For Life contains macro- and micronutrients, as well as a host of ingredients (some patented or proprietary) that support fatty acid metabolism, gastrointestinal health, and healthy eicosanoid and cytokine metabolism. Activated cofactors support mitochondrial energy production needed for biotransformation and detoxification. This formula's ingredients help moderate phase I detoxification, upregulate and support phase II pathways, and provide antioxidant support as well.*

Protein Metabolism

Vegan Protein Blend is SunQiFitness's proprietary blend of pea protein isolate and rice protein concentrate, L-glutamine, glycine, and taurine. Generation of glutathione and sulfation cofactors—vital for phase II conjugation—requires an array of amino acids. The combination of pea protein and rice protein, containing a complement of amino acids, achieves an amino acid score of 100%. Glutamine, a conditionally essential and versatile amino acid with two nitrogen moieties, is crucial to nitrogen metabolism and helps maintain healthy liver tissue and function.^[1,2] The amino acid glycine is needed for bile synthesis, phase II detoxification, and glutathione production. Taurine, a derivative of the sulfur-containing amino acid cysteine, is also important for synthesis of bile salts and helps stabilize cell membranes.*

Gastrointestinal Support

Ginger root, included to support healthy digestion including the release of bile from the gallbladder, acts at several sites to moderate PGE(2) production and support the normal response to inflammation.^[3] Fiber (from inulin and flaxseeds) supports production of short-chain fatty acids as well as a healthy intestinal flora. **MeadowPure™**, an organic flaxseed complex, possesses excellent oxidative stability, supports antioxidant activity, and provides lignins, soluble fiber, and omega-3 and omega-6 essential fatty acids.^[4] **Glutamine** plays a key role in healthy intestinal cell proliferation and gut barrier integrity, immune function, and normal tissue healing.*^[1,2]

Detoxification Support

Ellagic acid (from pomegranate extract) prevents over-induction of CYP1A enzymes, works at the gene level to induce synthesis of glutathione-S-transferases and other phase II activities, binds directly to toxins, and protects DNA and hepatocytes.^[5,6] **Watercress** is a rich source of beta-phenylethyl isothiocyanate (PEITC)—a versatile compound found to inhibit phase I enzymes and induce the phase II enzymes associated with biotransformation and excretion of toxins. Watercress was found to contain even stronger phase II inducers known as 7-methylsulfinylheptyl and 8-methylsulfinyloctyl isothiocyanates as well.^[7,8] **Green tea catechins** not only support antioxidant activity but also appear to act as modulators of phase I and phase II detoxification.^[9] **Choline** is present to support lipid metabolism in the liver and can be converted to betaine, a methyl donor.*^[10]

The active, bioavailable form of **B vitamins** (pyridoxal-5'-phosphate (B6), 5-methyltetrahydrofolate (folate), methylcobalamin (B12)) and glycine all support amino acid conjugation and are vital for the detoxification of xenobiotics and xenoestrogens. 5-methyltetrahydrofolate (5-MTHF), methylcobalamin, betaine, and **methylsulfonylmethane (MSM)** are present to support methylation and detoxification. 5-MTHF supports healthy folate nutrition, especially in those with variations in folate metabolism. In Sun Cleanse For Life, 5-MTHF is provided as

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Manufactured for:
SunQiFitness.com
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Sun Cleanse For Life



Vanilla Delight

Supplement Facts

Serving Size: 2 Scoops (about 58 g)
Servings Per Container: About 14

Amount Per Serving	%Daily Value*	Amount Per Serving	%Daily Value*
Calories 240		Molybdenum (as TRAACS® molybdenum glycinate chelate)	35 mcg 47%
Calories from Fat 70		Sodium (naturally occurring)	490 mg 20%
Total Fat 8 g	12%	Potassium (naturally occurring)	510 mg 15%
Saturated Fat 2.5 g	13%		
Total Carbohydrate 16 g	5%	MeadowPure® Stabilized Flaxseed Complex	5.6 g **
Dietary Fiber 3 g	12%	Alpha-Linolenic Acid	1.28 g **
Sugars 6 g	**	Linoleic Acid	392 mg **
Protein 26 g	52%	Pomegranate Extract (<i>Punica granatum</i>)(hull)(40% ellagic acid)	400 mg **
Vitamin A (as natural beta-carotene)	2500 IU 50%	Betaine Anhydrous (trimethylglycine)	250 mg **
Vitamin C (as sodium ascorbate)	250 mg 417%	Lemon Bioflavonoid Complex (<i>Citrus x limon</i>) (fruit peel)(25% bioflavonoids)	250 mg **
Thiamin (as thiamine HCl)	15 mg 1000%	Quercetin (as quercetin dihydrate from <i>Dimorphandra mollis</i>)(pod)	250 mg **
Riboflavin (as riboflavin 5-phosphate sodium)	5 mg 294%	Preventum® (potassium d-glucarate)	250 mg **
Niacin (as niacinamide and niacin)	40 mg 200%	Rutin (from <i>Sophora japonica</i>)(bud)	200 mg **
Vitamin B6 (as pyridoxal 5'-phosphate)	5 mg 250%	Turmeric Extract (<i>Curcuma longa</i>)(rhizome) (95% curcuminoids)	200 mg **
Folate (as Quatrefolic® (6S)-5-methyltetrahydrofolate acid, glucosamine salt)	200 mcg 50%	N-Acetyl-L-Cysteine	150 mg **
Vitamin B12 (as methylcobalamin)	50 mcg 833%	Ginger (<i>Zingiber officinale</i>)(rhizome)	150 mg **
Biotin	150 mcg 50%	Methylsulfonylmethane (MSM)	120 mg **
Pantothenic Acid (as d-calcium pantothenate)	35 mg 350%	Choline (as choline bitartrate)	100 mg **
Calcium (as DimaCal® di-calcium malate and ingredients with naturally occurring calcium)	240 mg 24%	Sodium Sulfate Anhydrous	100 mg **
Iron (naturally occurring)	7 mg 38%	Watercress (<i>Nasturtium officinale</i>)(herb)	100 mg **
Iodine (as potassium iodide)	60 mcg 40%	Green Tea Aqueous Extract (<i>Camellia sinensis</i>)(leaf) (80% polyphenols, 60% catechins, 30% EGCG, 6% caffeine)	82 mg **
Magnesium (as Albion® di-magnesium malate)	140 mg 35%		
Zinc (as TRAACS® zinc bisglycinate chelate)	10 mg 67%		
Selenium (as Albion® selenium glycinate complex)	100 mcg 143%		
Manganese (as TRAACS® manganese bisglycinate chelate)	2 mg 100%		
Chromium (as TRAACS® chromium nicotinate glycinate chelate)	60 mcg 50%		

Other Ingredients: Vegan Protein Blend (SunQiFitness's proprietary blend of pea protein concentrate, pea protein isolate, taurine, glycine, rice protein concentrate, and L-glutamine), dried cane syrup, sunflower oil, natural flavors (no MSG), medium-chain triglyceride oil, tripotassium citrate, cellulose gum, xanthan gum, Aminogen®, stevia leaf extract, guar gum, and silica.



Albion, DimaCal, TRAACS and the Albion Medallion design are registered trademarks of Albion Laboratories, Inc. Malates covered by US patent 6,706,904.



AMINOGEN® is a registered trademark of Triarco Industries. AMINOGEN® is protected under U.S. patent 5,387,422.



Quatrefolic® is a registered trademark of Gnosis S.p.A. Produced under US Patent 7,947,662.

Preventum® is a registered trademark of Applied Food Sciences, LLC. (US patents 4,845,123, 5,364,644, 5,561,160).

Directions

Blend, shake, or briskly stir 2 level scoops (58 g) into 10-12 ounces chilled, pure water (or mix amount for desired thickness) and consume once daily, or use as directed.

Does Not Contain

Wheat, gluten, yeast, soy, animal or dairy products, fish, shellfish, peanuts, tree nuts, egg, ingredients derived from genetically modified organisms (GMOs), artificial

Typical Amino Acid Profile Per Serving:

Alanine	1,129 mg	Methionine	279 mg
Arginine	2,260 mg	Phenylalanine	1,432 mg
Aspartic Acid	3,049 mg	Proline	1,141 mg
Cysteine	248 mg	Serine	1,404 mg
Glutamic Acid	4,450 mg	Threonine	981 mg
Glycine	1,578 mg	Taurine	500 mg
Histidine	652 mg	Tryptophan	258 mg
Isoleucine	1,214 mg	Tyrosine	1,005 mg
Leucine	2,208 mg	Valine	1,317 mg
Lysine	1,910 mg		

References

- Smith RJ, Wilmore DW. Glutamine nutrition and requirements. *JPEN J Parenter Enteral Nutr.* 1990 Jul-Aug;14(4 Suppl):94S-99S. Review. [PMID: 2119461]
- Lacey JM, Wilmore DW. Is glutamine a conditionally essential amino acid? *Nutr Rev.* 1990 Aug;48(8):297-309. Review. [PMID: 2080048]
- Lantz RC, Chen GJ, Sarihan M, et al. The effect of extracts from ginger rhizome on inflammatory mediator production. *Phytomedicine.* 2007 Feb;14(2-3):123-28. [PMID: 16709450]
- Adolphe JL, Whiting SJ, Juurlink BH, Thorpe LU, Alcorn J. Health effects with consumption of the flax lignan secoisolariciresinol diglucoside. *Br J Nutr.* 2010 Apr;103(7):929-38. Review. [PMID: 20003621]
- Barch DH, Rundhaugen LM, Stoner GD, et al. Structure-function relationships of the dietary anticarcinogen ellagic acid. *Carcinogenesis.* 1996 Feb;17(2):265-9. [PMID: 8625448]
- Girish C, Koner BC, Jayanthi S, et al. Hepatoprotective activity of picroliv, curcumin and ellagic acid compared to silymarin on paracetamol induced liver toxicity in mice. *Fundam Clin Pharmacol.* 2009 Dec;23(6):735-45. [PMID: 19656205]
- Rose P, Faulkner K, Williamson G, et al. 7-Methylsulfinylheptyl and 8-methylsulfinylheptyl isothiocyanates from watercress are potent inducers of phase II enzymes. *Carcinogenesis.* 2000 Nov;21(11):1983-8. [PMID: 11062158]
- Hofmann T, Kuhnert A, Schubert A, et al. Modulation of detoxification enzymes by watercress: in vitro and in vivo investigations in human peripheral blood cells. *Eur J Nutr.* 2009 Dec;48(8):483-91. [PMID: 19636603]
- Akhlaghi M, Bandy B. Dietary green tea extract increases phase 2 enzyme activities in protecting against myocardial ischemia-reperfusion. *Nutr Res.* 2010 Jan;30(1):32-39. [PMID: 20116658]
- Linus Pauling Institute. <http://lpi.oregonstate.edu/infocenter/othernuts/choline/>. Accessed May 8, 2012.
- Quatrefolic. <http://www.quatrefolic.com/>. Accessed May 8, 2012.

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DRS-218
REV. 01/07/15