





EATING HEALTH"

FORMULATED BY DAVID HAASE, MD

Clinical Applications

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

InflamaCool™ is a comprehensive, fructose-free, low-allergy—potential dietary supplement designed to support gastrointestinal (GI) function and balanced detoxification. It features Vegan Protein Blend, Creating Health™'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, InflamaCool™ addresses GI and hepatic function as well as eicosanoid balance and cytokine metabolism. This formula is suitable for vegans.*

All Creating Health™ Formulas Meet or Exceed cGMP Quality Standards

Discussion

InflamaCool™ 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 Creating Health™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. 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. 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-methylsulfinyheptyl 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 InflamaCool™, 5-MTHF is provided as Quatrefolic® for enhanced stability, solubility, and bioavailability.*[11]

Preventium®, a patented form of potassium hydrogen d-glucarate, supports glucuronidation. Sulfation is supported by MSM and sodium sulfate. Acetylation is supported by d-calcium pantothenate, pyridoxal-5'-phosphate, and magnesium. Several minerals in InflamaCool™ are provided as Albion® mineral chelates and TRAACS® mineral amino acid chelates for enhanced gastrointestinal absorption and bioavailability.*¹¹²²

Antioxidant Support and Cytokine Balance

Bioflavonoids, quercetin, rutin, and **curcumin** support antioxidant activity, counter free radicals, and support healthy eicosanoid and cytokine metabolism.^[13,14] Curcumin has a long history of use for its support of a normal, healthy response to inflammation.^[15] **N-acetyl-cysteine (NAC)** stimulates glutathione synthesis, enhances glutathione-S-transferase activity, and promotes detoxification.^[16] **Selenium glycinate** provides support for glutathione metabolism and antioxidant protection.*

InflamaCool[™] provides an array of nutrients that supports gastrointestinal health; detoxification and antioxidant mechanisms; and a normal, healthy response to inflammation and cytokine balance. This formula is designed to be used as part of a step-approach cleanse in conjunction with a modified elimination plan.*

*These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.



Supplement Facts

| Amount Pe | | %DV | Amount Per Serving | | %DV |
|--|-------------------------|-------|---|------------------|-----|
| Calories | 230 | | Molybdenum (as TRAACS® molybdenum glycinate chelate) | 35 mcg | 78% |
| Total Fat | 8 g | 10%" | Sodium (from ingredients with naturally occurring sodium, | 560 mg | 24% |
| Saturated Fat | 2 g | 10% | sodium sulfate anhydrous, and sodium ascorbate) | | |
| Total Carbohydrate | 15 g | 5% | Potassium (from tripotassium citrate and ingredients with | 505 mg | 11% |
| Dietary Fiber | 4 g | 14% | naturally occurring potassium) | | |
| Total Sugars | 5 g | ** | | | |
| Includes 5g Added Sugars | | 10% | Stabilized Flaxseed | 5.6 g | ** |
| Protein | 26 g | | Typical Alpha-Linolenic Acid Content Typical Linoleic Acid Content | 1,28 g 392 mg | ** |
| Vitamin A (as natural beta-carotene) | 750 mcg | 83% | Pomegranate Extract (Punica granatum)(hull)(40% ellagic acid) | 400 mg | ** |
| Vitamin C (as sodium ascorbate) | 250 mg | 278% | Betaine Anhydrous (trimethylglycine) | 250 mg | ** |
| Thiamin (as thiamine HCI) | 15 mg | 1250% | Lemon Bioflavonoid Complex (Citrus × limon) | 250 mg | ** |
| Riboflavin (as riboflavin 5'-phosphate sodium) | 5 mg | 385% | (fruit peel)(25% bioflavonoids) | 200 mg | |
| Niacin (as niacinamide and niacin) | 40 mg | 250% | Quercetin | 250 ma | ** |
| Vitamin B6 (as pyridoxal 5'-phosphate) | 5 mg | 294% | (as quercetin dihydrate from <i>Dimorphandra mollis</i>)(pod) | 200 mg | |
| Folate (as Quatrefolic® (6S)-5-methyltetrahydrofolic acid, | 200 mcg DFE | 50% | Preventium® (potassium d-glucarate) | 250 mg | ** |
| glucosamine salt) | | | Rutin (from Sophora japonica)(bud) | 200 mg | ** |
| Vitamin B12 (as methylcobalamin) | 50 mcg | 2083% | BCM-95® Turmeric Extract (Curcuma longa)(rhizome)(95% total | 200 mg | ** |
| Biotin | 150 mcg | 500% | curcuminoids complex, including curcumin, curcuminoids, and | | |
| Pantothenic Acid (as d-calcium pantothenate) | 35 mg | 700% | volatile oils)(86% curcuminoids)(65% curcumin) | 150 ma | ** |
| Choline (as choline bitartrate) | 100 mg | 18% | N-Acetyl-L-Cysteine | | ** |
| Calcium (as DimaCal® di-calcium malate and | 220 mg | 17% | Ginger (Zingiber officinale)(rhizome) | 150 mg | ** |
| ingredients with naturally occurring calcium) | | 000/ | Methylsulfonylmethane (MSM) | 120 mg | ** |
| ron (naturally occurring) | 5 mg | 28% | Sodium Sulfate Anhydrous | 100 mg | ** |
| odine (as potassium iodide) | 60 mcg | 40% | Watercress (Nasturtium officinale)(aerial parts) | 100 mg | ** |
| Magnesium (as Albion® di-magnesium malate) | 140 mg | 33% | Green Tea Aqueous Extract (<i>Camellia sinensis</i>)(leaf) (80% polyphenols, 60% catechins, 30% EGCG, 6% caffeine) | 82 mg | |
| Zinc (as TRAACS® zinc bisglycinate chelate) | 10 mg | 91% | (out pulymenus, out alechins, 30% EdGa, 6% caneine) | | |
| Selenium (as Albion® selenium glycinate complex) | 100 mcg | 182% | * Demont Doile Values (DV) are based as a 0.000 salaris dist | | |
| Manganese (as TRAACS® manganese bisglycinate chelate) 2 mg | | 87% | * Percent Daily Values (DV) are based on a 2,000 calorie diet. ** Daily Value not established. | | |
| Chromium (as TRAACS® chromium nicotinate glycinate o | he l ate) 60 mcg | 171% | Daily value not commission. | | |

Other Ingredients: Vegan Protein Blend (Creating Health™'s proprietary blend of pea protein isolate, taurine, glycine, rice protein concentrate, and L-glutamine), dried cane



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 Innophos Nutrition, Inc.

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.

BCM-95® is a registered trademark of DolCas Biotech, Ltd. Protected under US patents 7,883,728; 7,736,679; and 7,879,373.

Preventium® 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 by your healthcare practitioner.

Consult your healthcare practitioner prior to use. Individuals taking medication should discuss potential interactions with their healthcare practitioner. Do not use if tamper seal is damaged.

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 colors, artificial sweeteners, or artificial preservatives.

Typical Amino Acid Profile Per Serving:

| lanine | 1,280 mg | Methionine | 330 mg |
|---------------|----------|---------------|----------|
| krginine | 2,580 mg | Phenylalanine | 1,630 mg |
| spartic Acid | 3,400 mg | Proline | 1,340 mg |
| ysteine | 300 mg | Serine | 1,570 mg |
| Slutamic Acid | 4,990 mg | Threonine | 1,160 mg |
| Slycine | 1,720 mg | Taurine | 500 mg |
| Histidine | 740 mg | Tryptophan | 300 mg |
| soleucine | 1,330 mg | Tyrosine | 1,130 mg |
| .eucine | 2,490 mg | Valine | 1,490 mg |
| vsine | 2.120 ma | | |

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