

Liver Detox

Phase I & II



DESCRIPTION

Liver Detox Phase I & II provides a blend of nutrients documented to provide biochemical support for the liver to process xenobiotics, heavy metals, hormones, neurotransmitters and other molecules the body needs to eliminate to maintain a homeodynamic balance. Liver Detox Phase I & II also supplies nutritional precursors and cofactors essential in phase I and phase II detoxification. These nutrients include antioxidants, conjugating agents, glutathione precursors, sulfhydryl and methyl donors, vitamin and mineral cofactors.

FUNCTIONS

Life is dependent upon the liver's function as the primary defense against toxins and chemicals that enter from the bloodstream. The liver is challenged to serve as the principal organ of detoxification 24 hours a day. If the liver ceases to function or becomes impaired, an individual will become quite ill. Our environment is becoming much more toxic. This increased toxicity can bring about a serious liver condition known as non-alcoholic fatal liver disease (NAFLD). NAFLD can progress to non-alcoholic steatohepatitis (NASH). The end progression is liver failure and death.

The liver is a remarkably resilient organ. But its ability to regenerate becomes vulnerable with increasing age and accumulated or excessive exposure to alcohol, aflatoxin, medications, infective agents, allergens, and other potentially harmful substances. Hepatic damage ranging from mild asymptomatic inflammation to progressive fibrosis or cirrhosis can impair vital metabolic functions of protein synthesis, nutrient distribution, glucose storage, bile production, and clearance of metabolic waste products, hormones, drugs, and toxins. Nutrients that protect hepatocytes can be rapidly depleted when the liver is under stress, making it even more susceptible to damage. Liver Detox Phase I & II is designed to enhance hepatic function by providing antioxidant protection and to support liver detoxification processes and enzymatic pathways.

The liver is equipped with a two-phase enzymatic, toxin neutralization process, known as Phase I and Phase II. These phases rely on numerous nutrients to support detoxification activities and protect against excessive free radical generation that might otherwise induce tissue damage:

Phase I Enzyme Reactions, Required Nutrients and

Cofactors: Riboflavin (B2), Niacin (B3), Thiamine, Vitamin B6, Folate, Vitamin B 12, Glutathione, Panthothenic Acid.

Phase II Conjugation Pathways, Required Nutrients and

Cofactors: NAC (N-acetyl-cysteine), L-methionine, L-taurine, D-glucarate, L-glycine, L-glutamine, L-ornithine, L-serine, L-histidine, L-carnitine, choline.

Excretory Derivatives, Protective Antioxidant Nutrients:

Vitamin C, Vitamin E, Carotenes, Quercetin, Selenium, Copper, Zinc, Manganese, Coenzyme Q-10, Milk Thistle, Grape Seed Extract.

INDICATIONS

Liver Detox Phase I & II offers preventative support on a daily basis to improve detoxification processes.

FORMULA (WW #10348)

Two Capsules Contain:

Vitamin A (as palmitate and beta-carotene [†])	3,190 IU
Vitamin C (as magnesium ascorbate)	.....	167 mg
Vitamin E (as d-alpha tocopherol succinate)	.....	83 IU
Thiamin (as thiamin HCl)	.....	8.3 mg
Riboflavin	.....	8.3 mg
Niacin	.....	10 mg
Vitamin B6 (as pyridoxine HCl)	.....	10 mg
Biotin	.....	0.66 mcg
Pantothenic Acid (as calcium pantothenate)	.....	33.3 mg
Magnesium (as magnesium ascorbate, magnesium citrate and magnesium malate)	.....	64 mg
Zinc (as zinc picolinate)	.....	2 mg
Selenium (as L-selenomethionine)	.....	0.33 mcg
Manganese (as manganese glycinate chelate)	.....	496 mcg
Molybdenum (as molybdenum citrate)	.....	50 mcg
Calcium D-Glucarate	66.7 mg
L-Methionine	66.7 mg
Glycine	66.7 mg
L-Glutamic Acid HCl	66.7 mg

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L-Taurine.....	66.7 mg
L-Glutamine.....	66.7 mg
Choline Bitartrate.....	66.7 mg
N-Acetyl Cysteine.....	66.7 mg
Quercetin Dihydrate.....	66.7 mg
Inositol	33.3 mg
L-Ornithine Aspartate	33.3 mg
Broccoli (<i>Brassica oleracea</i> L. var. <i>italica</i>) Aerial Part Extract.....	33.3 mg
Milk Thistle (<i>Silybum marianum</i>) Seed Extract	16.7 mg
L-Glutathione.....	16.7 mg
L-Serine.....	16.7 mg
L-Histidine	16.7 mg
Carnitine (as L-carnitine tartrate).....	16.7 mg
Coenzyme Q10.....	8.3 mg
Grape Seed Extract [standardized to 95% proanthocyanidins].....	3.3 mg
Superoxide Dismutase	33.3 mcg
Catalase	16 mcg

Other Ingredients: Rice flour, magnesium stearate (vegetable source), and gelatin (capsule).

SUGGESTED USE

As a dietary supplement, adults take 2 capsules daily, or as directed by a healthcare professional.

ADVERSE EFFECTS

No adverse effects have been reported with this product. However, the detoxification process can elicit adverse effects. Consult with a healthcare professional if adverse effects arise.

STORAGE

Store in a cool, dry place, away from direct light. Keep out of reach of children.

Manufactured For:

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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.