



SUPERIOR DETOX™

SUPPORTS LIVER HEALTH & NORMAL DETOXIFICATION FUNCTIONS*

AMINO ACIDS, HERBS & OTHER NUTRIENTS

» **Superior Detox™** is a comprehensive formula designed to support liver health when environmental toxins are present.* This unique combination of amino acids, herbs, and other nutrients aids in optimal fat metabolism within the liver, promotes glutathione synthesis, supports the safe elimination of toxins, and supplies a broad range of protective nutrients to help reduce free radical damage.* **Superior Detox™** is recommended to support Phase I and Phase II detoxification pathways.*



Superior Detox™ is a comprehensive formula designed to support liver functions in the following ways:

- » Phase I and Phase II liver detoxification*
 - » Fat metabolism*
 - » Cellular health & protection*
 - » Glutathione production*
- ✓ **Phase I detoxification** involves a group of enzymes, known as the cytochrome P450 family, which are all imbedded in healthy cell membranes of liver cells. When cytochrome P450 metabolizes a toxin, it chemically transforms it to a less toxic form, and/or makes it water soluble for the Phase II enzymes.
 - ✓ **Phase II detoxification** involves a process called conjugation, which neutralizes the toxin and makes it easily excreted through the urine or bile. There are six Phase II detoxification pathways; glutathione conjugation, amino acid (namely glycine) conjugation, methylation, sulfation, acetylation and glucuronidation.

Phase I detoxification support:

- ✓ Choline and Inositol are necessary components of all cell membranes.* It is essential for the membranes of liver cells to be healthy in order to support the Cytochrome P450 enzymes. Choline and Inositol also support fat and cholesterol metabolism within the liver.*
- ✓ DIM (diindolylmethane) is a naturally occurring sulfur compound found in cruciferous vegetables, like broccoli or cauliflower. It has been found to support both Phase I and Phase II liver detoxification as well as the detoxification of estrogen metabolites.*
- ✓ Biotin is a B vitamin which aids in cell growth, fat metabolism and energy generation.*

Phase II detoxification support:

- ✓ Calcium glucarate is a buffered source of glucuronic acid which supports glucuronidation.* The glucuronidation process aids the body in detoxifying and eliminating fungal toxins, steroid hormones and automobile exhaust.
- ✓ Milk Thistle is an herb that has been used traditionally for liver health.* Its active constituent, silybin, acts on oxidative stress to protect cells from free radical damage, supports glutathione levels and normal liver cell regeneration.*
- ✓ L-Methionine is an amino acid necessary for the production of SAMe and the methylation pathway. Methionine is a sulfur- containing amino acid that aids in fat metabolism and glutathione production.*

- ✓ N-Acetyl Cysteine is a derivative of the amino acid cysteine. Cysteine is an important amino acid for the formation of glutathione.*
- ✓ L-Glycine is important for the amino acid conjugation pathway which is used to combine with and neutralize unwanted substances.* Those individuals on a low protein diet may become deficient in the glycine conjugation pathway when chronically exposed to toxins.*
- ✓ Alpha lipoic acid is a fat and water soluble cell-protecting agent that may help recycle other natural free radical fighters involved in liver metabolism.*
- ✓ Turmeric is an herb that has been used in traditional medicine in India for centuries.* Turmeric helps to manage oxidative stress and protects cells from free radical damage.* It has also been shown to support gallbladder function, an important organ involved in the storage and release of bile.*

Supplement Facts

Serving Size 1 Capsule
Servings Per Container 60

Amount per Serving	% Daily Value
Biotin 50 mcg	17%
Calcium (as Calcium D Glucarate) 6 mg	1%
Choline Bitartrate 200 mg	*
Milk Thistle (<i>Silybum marianum</i>) Seed Extract 200 mg	*
yielding Silymarin 160 mg	*
L-Methionine 100 mg	*
Turmeric 80 mg	*
N-Acetyl Cysteine 50 mg	*
Inositol 25 mg	*
L-Glycine 25 mg	*
DIM® (a patented enhanced bioavailability complex of starch, diindolylmethane, Vitamin E as d-alpha tocopheryl succinate, phosphatidylcholine, silica) 25 mg	*
Alpha Lipoic Acid 20 mg	*

*Daily Value not established.

Other Ingredients: vegetable cellulose, vegetarian leucine, microcrystalline cellulose.

Warning: If pregnant, nursing, or planning on becoming pregnant, do not take this product.

Suggested Use: As a dietary supplement, take 1 capsule, twice daily.

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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.

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