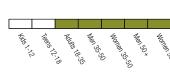


# HepaPlus™





The liver is the body's second largest organ and the largest gland. Everything we eat, breathe, and absorb through our skin is filtered through the liver, which performs many complex functions crucial for life. It manufactures many important blood proteins; assists in the conversion of fats, amino acids, vitamins, and minerals into more usable forms; makes important structural components, including cell membrane compounds; filters toxins from blood; and stores many vitamins and minerals, including iron and B12. HepaPlus™ was formulated to provide a unique blend of antioxidants to help support healthy liver function.

## Milk Thistle Extract

Used as a natural remedy to support liver health for over 2,000 years, milk thistle is used by the liver to protect against oxidative stress. Additionally, it stimulates liver detoxification pathways and has strong antioxidant properties thought to help strengthen and protect liver cells. As an antioxidant, milk thistle helps increase the amount and the activity of several antioxidant enzyme systems that are involved in the detoxification process, such as SOD (superoxide dismutase) and the glutathione peroxidase system. The active phytochemicals in milk thistle may also stimulate protein synthesis in liver cells, which helps to regenerate them.

### Alpha Lipoic Acid

Alpha lipoic acid is easily transported across cell membranes to provide support to the important enzymes both inside and outside the cell. As ALA is both water and oil-soluble, it is thought to help regenerate both waterand oil-soluble antioxidants. Also, as a metal-chelating agent, it may assist in removing some heavy metals from your body."

#### Turmeric Extract

Turmeric, the powdered root of the plant Curcuma longa L., is a member of the ginger family native to India and Southeast Asia. It contains curcumin and related compounds known as curcuminoids, which have significant antioxidant properties.<sup>710</sup>

#### Choline

Choline is an essential nutrient related to the water-soluble B-complex vitamins. It is synthesized in the body, as well as consumed in the diet, and is necessary for the function of every cell. Choline plays a major role in membrane structure and integrity, lipid and cholesterol transport, and brain function. It is a constituent of phosphatidylcholine, which is a component of cell walls and membranes. Choline is also involved in fat and cholesterol metabolism and transport, and aids in fat metabolism and transport away from the liver.

## Why **HepaPlus**™?

The unique formulation of **HepaPlus** helps to combat oxidative stress in the liver with a powerful blend of antioxidants, including green tea extract and broccoli concentrate. With close to 200 mg of high quality, highly bioavailable milk thistle extract contained in a daily dosage, **HepaPlus** provides comprehensive support for the liver and in the maintenance of general well-being.

USANA's **HepaPlus** employs breakthrough **Nutritional Hybrid Technology** to bring you this unique formulation with the new bilayer tablet, which allows two unique formulations to be combined into one tablet while remaining distinctly separated, and ensures formulation stability.

**HepaPlus** is laboratory tested, quality guaranteed. Meets British Pharmacopoeia specifications for potency, uniformity and disintegration where applicable.

## Using **HepaPlus**™

Take three (3) **HepaPlus** tablets daily, preferably with meals.

| EACH TABLET CONTAINS:                                      |     |  |
|--|-----|--|
| SILYBUM MARIANUM (MILK THISTLE) FRUIT EXTRACT 80           | mg  |  |
| EQUIVALENT TO DRY FRUIT 5.                                 | 6 g |  |
| STANDARDISED TO SILYMARIN 64                               | mg  |  |
| OLEA EUROPAEA (OLIVE) FRUIT EXTRACT* 15                    | mg  |  |
| EQUIVALENT TO FRESH FRUIT 675                              | mg  |  |
|  | mg  |  |
| EQUIVALENT TO DRY LEAF 420                                 | mg  |  |
| CHOLINE BITARTRATE 125                                     | mg  |  |
| R,S-ALPHA-LIPOIC ACID 67                                   | mg  |  |
| CYSTINE 55   | mg  |  |
| BRASSICA OLERACEA VAR. ITALICA (BROCCOLI) FLOWER POWDER 25 | mg  |  |
| INOSITOL 25  | mg  |  |
| CURCUMIN† 1.35   | mg  |  |
| BIOTIN 75  | μg  |  |
|  |     |  |

\*USANA OLIVOL™ PROTECTED UNDER US PATENTS 6,358,542 OR 6,361,803. FROM 7.5mg MERIVA® BIOAVAILABLE CURCUMIN.MERIVA® IS A TRADEMARK OF INDENA S.p.A





Optimizers Micronutrition Digestive Health

## HepaPlus™

- Liver tonic
- Supports healthy liver function and normal detoxification processes
- Provides a unique blend of antioxidants
- Helps maintain general health and well-being
- Vegetarian safe



#### Reference

- Wellington K, Jarvis B. BioDrugs 2001;15(7):465-89.
- Manna SK, et al. J Immunol 1999;163(12):6800-9.
- 3. Saller R, et al. Drugs 2001;61(14):2035-63.
- 4. Medina J, et al. Drugs 2005;65(17):244-61
- Flora K, et al. Am J Gastroenterol 1998:93(2):139-43.
- 6. Smith AR, et al. Curr Med Chem 2004;11(9):1135-46.
- Sreejayan Roa MN. J Pharm Pharmacol 1994;46: 1013-1016.
   Nair S, et al. J Assoc Physicians India 1998;46(8):708-10.
- Balasubramanyam M, et al. J Biosci 2003;28(6):715-21.
   Maheshwari RK, et al. Life Sci 2006;78(18):2081-7.

2. Transamman (111, 61 al. Elle 36/2000,70(10),2001 7.

Vitamin supplements should not replace a balanced diet.
USE ONLY AS DIRECTED, ALWAYS READ THE LABEL.