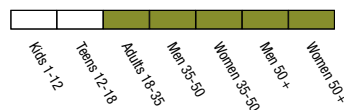




ITEM# 135
AUST L 171967

HepaPlus™

HepaPlus upgrade available in October 2010.



HYBRID
USANA Nutritional Hybrid Technology

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.^{1,2} 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.^{1,6}

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 water- and oil-soluble antioxidants. Also, as a metal-chelating agent, it may assist in removing some heavy metals from your body.⁸

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.⁷⁻¹⁰

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:

| | |
|--|--------|
| HERBAL EXTRACTS EQUIVALENT TO: | |
| <i>SILYBUM MARIANUM</i> DRY FRUIT (STANDARDISED TO 64 MG SILYMARIN) | 5.6 g |
| <i>OLEA EUROPAEA</i> FRESH FRUIT (STANDARDISED TO 750 µg VERBASCOSIDE AND 225 µg HYDROXYTYROSOL) | 675 mg |
| <i>CAMELLIA SINENSIS</i> DRY LEAF (STANDARDISED TO 0.3 mg CAFFEINE) | 150 mg |
| <i>CURCUMA LONGA</i> DRY RHIZOME (STANDARDISED TO 668 µg CURCUMIN) | 60 mg |
| CHOLINE BITARTRATE | 125 mg |
| R,S-ALPHA LIPOIC ACID | 67 mg |
| CYSTINE | 55 mg |
| <i>BRASSICA OLERACEA</i> VAR. ITALICA FLOWER POWDER | 25 mg |
| INOSITOL | 25 mg |
| BIOTIN | 75 µg |

USANA
HEALTH SCIENCES

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

References

1. Wellington K, Jarvis B. *BioDrugs* 2001;15(7):465-89.
2. 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.
5. 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.
7. Sreejayan Roa MN. *J Pharm Pharmacol* 1994;46: 1013-1016.
8. Nair S, et al. *J Assoc Physicians India* 1998;46(8):708-10.
9. Balasubramanyam M, et al. *J Biosci* 2003;28(6):715-21.
10. Maheshwari RK, et al. *Life Sci* 2006;78(18):2081-7.

Vitamin supplements should not replace a balanced diet.

USE ONLY AS DIRECTED. ALWAYS READ THE LABEL.

