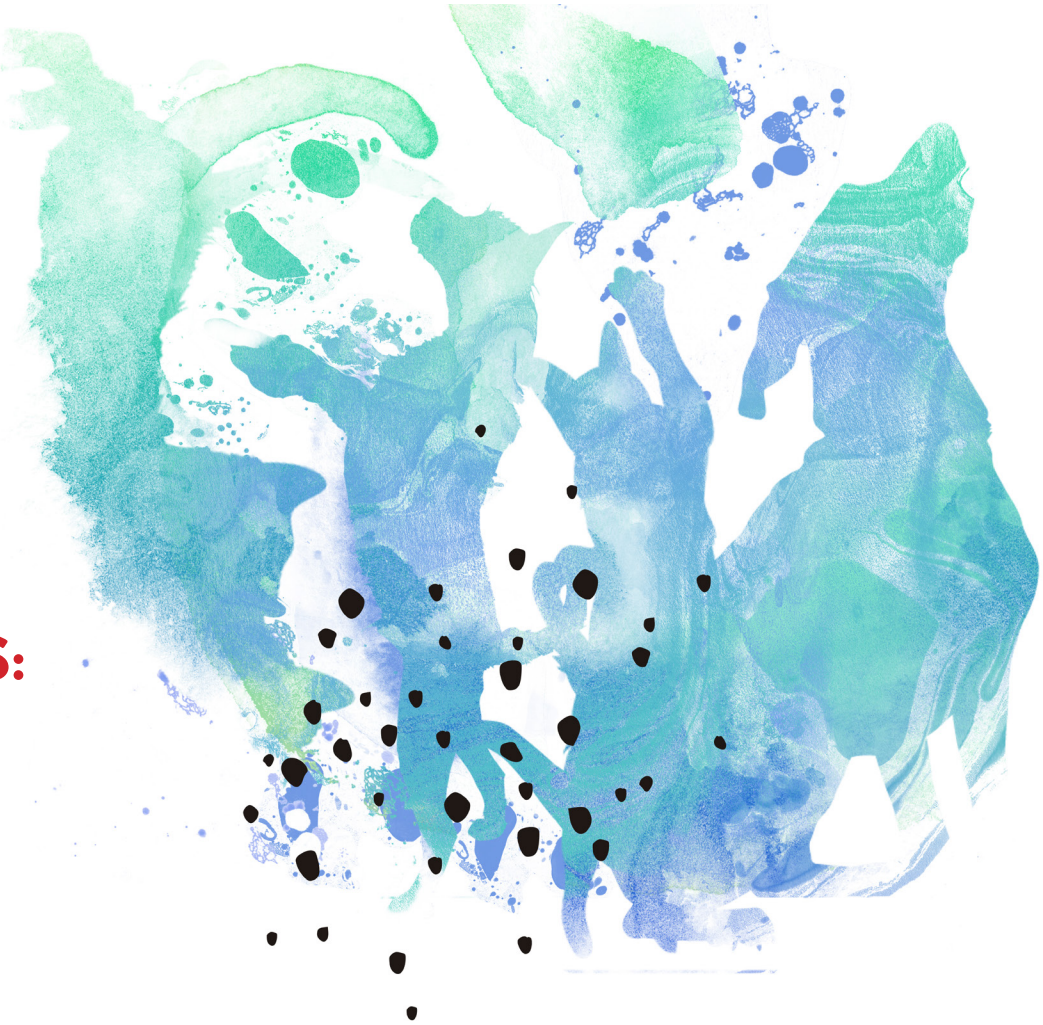
THORNE VET



NEW FORMULA NOW CONTAINS:

- Vitamin E
- Zinc Picolinate
- Selenium

Hepagen®

Liver support for dogs and cats

A comprehensive formula featuring multiple liver-protective ingredients

The new Hepagen formula now includes selenium, vitamin E, and zinc

Our companion animals are just as susceptible as we are to toxic insults from the environment, food, and water. Hepagen provides key nutrients and botanicals that protect liver cells from damage that can be caused by toxins, in addition to enhancing both phase I and phase II liver detoxification.

Key Liver Support Features

- Protects liver cells
- Supports normal phase I and phase II liver detoxification
- Promotes optimal glutathione levels
- Contains liver-protective antioxidants

QUALITY SEAL nasc NATIONAL ANIMAL SUPPLEMENT COUNCIL NASC MEMBER SINCE 2002

Hepagen – Special Nutrients

Curcumin/phospholipid complex (CurcuVET®)

Curcumin is a potent hepato-protectant that neutralizes free radicals and improves lipid parameters in instances of fatty liver. Curcumin is also an effective down-regulator of NF-KB activity, thereby helping to inhibit harmful inflammatory activity. The phospholipids that help make up this powerful phytosome complex also provide essential nutrients that support healthy liver cells.

Silybum marianum (Milk Thistle) and Vitamin E

The active ingredient in milk thistle extract, silymarin, has been shown in clinical studies to protect liver cells from damage caused by the free radicals that are produced when the liver metabolizes toxic substances. In addition, silymarin helps maintain optimal levels in the liver of the powerful intracellular antioxidant glutathione. Recent studies have found that vitamin E, in combination with silymarin, helps reduce liver damage in fatty liver, a common disorder in both cats and dogs. Another essential antioxidant, vitamin E is especially protective in the liver against fatty infiltration and the subsequent damage it can cause.

Methionine

This essential sulfur-containing amino acid is essential for phase II liver detoxification. Methionine helps the liver metabolize fats, and in turn, methionine itself is metabolized in the body to create cysteine and taurine, both of which support the production of glutathione and bile acid, thus further enhancing liver function.

N-acetylcysteine (NAC)

NAC, which is metabolized from the amino acid L-cysteine, is an important precursor in the formation of glutathione. NAC also supports optimal phase II liver detoxification.

Selenium

The mineral selenium is often deficient in liver disease. Selenium acts as an antioxidant that neutralizes free radicals, thus preventing damage to the liver from the toxic substances the liver is detoxifying. In addition, because selenium is a glutathione cofactor, increasing the intake of selenium helps maintain or increases the liver's supply of glutathione.

Zinc

The mineral zinc is essential to overall biochemistry, participating as an enzymatic cofactor in hundreds of biochemical reactions. In addition to supporting immune function, zinc's antioxidant activity in the liver helps protect liver cells.

Vitamins B6 and B12

Vitamin B6 is necessary for numerous biotransformation reactions in the liver. Because vitamin B12 is stored in the liver, a properly functioning liver is essential to maintain good vitamin B12 status throughout the body.

Hepagen
Liver Support for Dogs and Cats

1/2 soft chew daily

1 soft chew per 25 pounds of body weight daily

GLUTEN FREE

V961-SC / 90 Soft Chews

PRODUCT FACTS

Active Ingredients per 2-gram Soft Chew:	
L-Methionine	100 mg
N-Acetyl-L-Cysteine	100 mg
Dimethylglycine (Hydrochloride)	50 mg
Milk Thistle extract (fruit) (*Silybum marianum*)	50 mg
Curcumin Phytosome (*Curcuma longa* extract (root) / Phospholipid complex from Sunflower) (CurcuVET®)	50 mg
Pyridoxal 5'-Phosphate (Vitamin B6)	5 mg
Vitamin E	5 mg
Zinc Picolinate	3 mg
Methylcobalamin (Vitamin B12)	50 mcg
Selenium (L-selenomethionine)	20 mcg

Inactive ingredients (Soft Chew Matrix):
Arabic gum, buffered white distilled vinegar, chick pea flour, chicory root, citric acid, coconut glycerin, coconut oil, guar gum, natural hickory smoke flavor, rosemary extract, sunflower lecithin, sunflower oil, tapioca starch.

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