



# Hepamarin

**100% Herbal Medicine to Enhance Liver Function**

**Suitable for Equine**

**Oral solution**

## **Ingredients:**

- Milk Thistle Extract (Silymarin)

The liver is the center of the body's metabolism and is responsible for many vital functions, including processing food nutrients, protein and bile synthesis, storing glucose, vitamins and minerals, maintaining immune function, and eliminating toxins. Liver diseases are very common in horses and foals. Liver problems often occur following consumption of poisonous plants, toxins in food, microbial infections, gallstones, or after treatment with blood products such as plasma or tetanus antitoxin. In liver diseases, many toxins and metabolites that must be eliminated by the liver increase and affect the horse's nervous system, leading to abnormal behaviors and neurological symptoms such as blindness, seizures, severe depression, and even madness. Therefore, it is necessary to maintain the health of the liver in order to maintain the normal functioning of other body systems and thus the health of the animal.

### Mechanism of action:

Hepamarin is formulated based on the active compounds of milk thistle plant (silymarin). The milk thistle plant has been known for its high medicinal value since the past. Silymarin is the most important active ingredient in milk thistle. Silymarin can protect horses prone to inflammatory problems such as laminitis and allergies. Its antioxidant properties help the horse stay healthy and recover faster from diseases and exercises. In addition, silymarin's antioxidant properties can improve insulin sensitivity in horses with equine metabolic syndrome and keep blood glucose at a healthy level after consuming a high-sugar diet.

Hepamarin protects the liver from damages caused by poisons, toxins, chemicals and free radicals through anti-toxic, anti-inflammatory and antioxidant properties of silymarin. Hepamarin is effective in the treatment of various liver diseases, fatty liver syndrome and chronic and acute hepatitis and prevents hepatic failure. Also, the use of Hepamarin helps to regenerate the liver tissue and reduces the liver load caused by the use of antibiotics. Hepamarin helps to increase the metabolism and digestion of lipids in the digestive system by increasing bile secretion and in addition to improving absorption, it prevents liver damage caused by the use of high-calorie compounds in the animal's diet. In general, Hepamarin improves liver function and prevents and treats disorders and diseases of the liver and bile in horses.



### Hepamarin Indications:

- Improving liver function
- Treatment of chronic, acute and infectious hepatitis and prevention of hepatic failure
- Treatment and prevention of fatty liver syndrome (hepatic cirrhosis) in obese horses or horses with equine metabolic syndrome (EMS).
- Cleansing, regeneration and detoxification of the liver
- Treatment of liver poisoning caused by drugs, toxins and mycotoxins
- Treatment of the liver in diseases such as Tyzzer Disease
- After taking antibiotics
- In cases of cholangitis, gallstones and biliary problems
- Protecting liver from free radical damages
- Congenital hepatic problems such as portosystemic shunt
- Helping lipid metabolism in the body
- Stimulating bile secretion and as a result improving digestive activities and fatty acid catabolism



**Recommended dosage:**

250 ml per 5000 kg of body weight

**Storage Conditions:**

Store in a cool and dry place at 25°C and away from direct sunlight.

**Drug Interaction:**

Compatible with all kinds of commonly used medicines, additives and vaccines.

**Cautions:**

Keep out of reach of children

In case of accidental eye contact, wash immediately with plenty of water

**Packaging:**

250 ml bottles

**Expiration Date:**

24 months from production date



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