

# AMPHIHEPANIL

## Liquid


*A highly concentrated hepato-protective liquid for all forms of liver damage in poultry, farm animals and aquatic animals.*

### **Product Description:**

AMPHIHEPANIL liquid is a highly concentrated liquid especially formulated to provide most of the essential hepato-protective elements to guard against all forms of liver damage in poultry. AMPHIHEPANIL liquid contains Sorbitol which is beneficial as cholagogue, lipotropic agent and mild laxative. The main action of sorbitol is stimulation of bile salts concentration and secretion. AMPHIHEPANIL liquid provides adequate concentration of Methionine, the first limiting amino acid in broiler diets and a potential mediator of the immune response. It also supplies Choline Chloride which is referred to as a "lipotropic" factor due to its function acting on fat metabolism by hastening removal or decreasing deposition of fat in liver. AMPHIHEPANIL liquid is also characterized by its inclusion of Betaine that has been demonstrated to improve growth performance and antioxidant status of animals under various stress conditions and mycotoxicoses. Betaine increases average daily gain and decreases feed conversion ratio of broilers. AMPHIHEPANIL liquid combines important synergistic components such as Methionine, choline and lysine which are universally recognized as the most limiting amino acids in broiler diets based on corn and soybean meal. They are commonly used in broiler feed as hepatoprotectives and performance enhancers. AMPHIHEPANIL liquid is also unique by its content of Artichoke which is known to lower cholesterol and increases bird resistance to stresses, including temperature stress. It is also known to improve the immune system, performance, feed conversion ratio, and weight gain. AMPHIHEPANIL liquid provides Boldo extract characterized by its antioxidant activity. AMPHIHEPANIL liquid contains Carnitine that can improve liver antioxidative capacity and reduces the mortality due to ascites. L-carnitine supplementation can significantly improve growth rate, food efficiency and body weight gain in broilers.

### **Benefits:**

AMPHIHEPANIL liquid can be used for poultry in mycotoxicoses to support liver function and guard against liver damage. AMPHIHEPANIL liquid reduces zearalenone residue in broilers fed mold-contaminated corn-based diet. It also guards against pathomorphology, hematology, and biochemistry changes caused by ochratoxin A.



AMPHIHEPANIL liquid may be important to improve growth performance, liver health, antioxidant status, and breast meat yield and quality. It is also helpful to improve weight gain, feed efficiency, egg production and quality.

AMPHIHEPANIL liquid is of value to improve digestion by stimulating the secretion of bile secretion. It is used for young chicks to improve the digestibility of dietary fat especially that of saturated fatty acids as the young chicken needs choline more due to inability to synthesize at sufficient rate.

AMPHIHEPANIL liquid may be used as a lipotropic agent to guard against ascites syndrome in chicken.

AMPHIHEPANIL liquid may be valuable to mitigate the osmotic stress induced by diarrhoea and coccidiosis in animals. It is considered as an antioxidant agent that help alleviate oxidative damage in animals under various stress conditions.

**Directions for Use:**

Administer at the rate of 1 ml/1 liter of drink water for poultry

**Ingredients:**

DL- Carnitine, DL-Methionine, L- Lysine HCl 98 %, Choline (As Choline Chloride 70 %), Betaine (As Betaine Hydrochloride), Silymarin (From Silybum Marianum Extract), Cynarin (From Artichoke Extracts), Sorbitol and Distilled water

