



**PRODUCT INFO  
& DATASHEET**

Nutritional Oral Liquids

## **SICO SUPERTONIC ORAL**

**Dietetic liquid supplement to correct fatty liver conditions etc...  
Solution for oral administration**

Code N° OS34

### **1. Composition:**

Contains per ml:

Sorbitol	200 mg.
Carnitine hydrochloride	50 mg.
Betaine	10 mg.
Choline chloride	200 mg.
D-Panthenol	25 mg.
Magnesium sulphate	100 mg.
Solvents ad	1 ml.

### **2. Description:**

SICO SUPERTONIC Oral is a combination of compounds aimed at optimisation of the liver function and prevention and correction of fat deposits. Free fatty acids are partly metabolised in the liver to form triglycerides, which may be stored in the hepatocytes causing fatty liver when an imbalance exists among uptake, synthesis, export and oxidation of fatty acids. Carnitine, betaine, choline and D-panthenol are key metabolites involved in these processes, affecting the influx of free fatty acids to the liver, free fatty acid  $\beta$ -oxidation, the hepatic secretion of triglycerides and lipid peroxidation. Sorbitol and magnesium act as an osmotic laxative in order to facilitate the elimination of toxic products from the gastrointestinal tract. In addition, magnesium has an important function as a constituent of enzymes involved in the synthesis and metabolism of carbohydrates, lipids, proteins, and nucleic acids.

### **3. Indications:**

SICO SUPERTONIC Oral is a dietetic liquid supplement formulated to correct fatty liver conditions, prevent liver disfunctions and correct digestive disturbances in animals when fed a lithogenic diet (high in oil, fat, cholesterol and cholic acid), leading to an increased supply of free fatty acids to hepatic cells, or when the conditions are such that increased release of fatty acids from adipose tissue takes place.

### **4. Side effects:**

No undesirable effects are to be expected when the prescribed dosage regimen is followed.

### **5. Dosage:**

For oral administration:

Cattle and horses	:3-4 ml per 40 kg body weight for 5-7 days.
Sheep, goats and calves	:3-4 ml per 20 kg body weight for 5-7 days.
Poultry and swine	:1 litre per 2000 litre of drinking water for 5-7 days.

### **6. Withdrawal times:**

None.

### **7. Warning:**

Keep out of reach of children. Store in a cool (15-25°C). Avoid direct sunlight.

### **8. Packing:**

Bottle of 100, 500 and 1000 ml.

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