



**PRODUCT INFO
& DATASHEET**

Nutritional Oral Liquids

SICO MEGATONIC

Solution for oral administration

1. Composition:

Contains per ml:

Sorbitol	500 mg.
Carnitine hydrochloride	100 mg.
Vitamin B12	40 mcg.
Solvents ad.	1 ml

2. Description

SICO MEGATONIC is an amino acid derivative, synthesized in vivo from methionine and lysine. Its main function is to facilitate lipid oxidation by transporting long-chain fatty acids into the inner mitochondria region where they undergo β -oxidation. Consequently, in case of carnitine deficiencies, most of the dietary lipids may not be used as an energy source and accumulate in the animal's body leading to unwanted fat deposits. In addition, it aids in the removal of short- and medium-chain fatty acids that accumulate in mitochondria as a result of normal or abnormal metabolism. Depending on the dietary adaptation to carnitine and the nature of the diet fed, carnitine is degraded to some extent in ruminal fluid. Cyanocobalamin (vitamin B12) assist in various metabolic processes, most notably the formation of red blood cells, and stimulates protein, carbohydrate and fat metabolism. Sorbitol acts as an osmotic laxative in order to facilitate the elimination of toxic products from the gastrointestinal tract.

3. Indications:

SICO MEGATONIC Oral is a dietetic liquid supplement formulated to correct L-carnitine deficiencies and associated disorders in fatty acid metabolism. It stimulates proper fat utilization and energy metabolism in calves, cattle, horses, sheep, goats, poultry and swine, and may be useful as an adjunctive therapy in hepatic lipidosis.

4. Side effects:

Nausea, vomiting and gastrointestinal disturbances may occur.

5. Dosage:

For oral administration.

Cattle and horses	:	1 ml per 20 kg body weight for 5-7 days.
Sheep, goats and calves	:	1 ml per 10 kg body weight for 5-7 days.
Poultry and swine	:	1 litre per 4000 litre of drinking water for 5-7 days.

6. Withdrawal times:

None.

7. Warning:

Keep out of reach of children. Store in a cool place, dry place. Avoid direct Sunlight..

8. Packing:

Bottle containing 100, 500 and 1000 ml.

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SAP INTERNATIONAL CORPORATION bv Krekelenberg 83, B-2980 Zoersel, Belgium
Tel. +32-3-309.06.51 Email : info@sico.be Website : www.sico.be