



PRODUCT INFO  
& DATASHEET

Nutritional Oral Liquids

# SICOCHOL-75 Oral

## for oral administration

### **1. Composition:**

Contains per ml:  
Choline chloride 750 mg

### **2. Description**

Solution for oral administration.

SICOCHOL-75 Oral is an organic compound, classified as a water-soluble essential nutrient and grouped within the vitamin B-complex (B4). This natural amine is found in the lipids that make up cell membranes and in the neurotransmitter acetylcholine. Choline and its metabolites are needed for three main physiological purposes:

- 1) structural integrity and signaling roles for cell membranes,
- 2) cholinergic neurotransmission (acetylcholine synthesis),
- 3) as a major source of methyl groups via its metabolite, trimethylglycine (betaine), that participates in fat metabolism via the S-adenosylmethionine synthesis pathways.

As a result, SICOCHOL-75 Oral deficiency may lead to an abnormal accumulation of fat in the liver, reduced growth rates and muscle control, kidney damage, perosis and decreased egg production and hatchability. SICOCHOL-75 Oral can be synthesized in the liver from methionine. Therefore, SICOCHOL-75 Oral requirement is influenced by the methionine content of the diet.

### **3. Indications:**

Supplementing the diet with choline helps to prevent deficiency symptoms:

Poultry : perosis, reduced hatchability, generalised retardation, fatty acid syndrome.

Layers : reduction in egg size and production.

Swine : reduction of fertility in reproductive sows, behavioural disturbances in sucklings.

Calves : anorexia, periods of apnoea.

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

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

However, (prolonged) high dosage may have adverse effects on growth and fertility.

### **5. Dosage:**

For oral administration.

Calves	: 1 litre per 5000 litres of drinking water
Broilers (starting: 0-8 weeks)	: 1 litre per 2000 litres of drinking water
Broilers (growing: 8-18 weeks)	: 1 litre per 3000 litres of drinking water
Layers (non-breeding)	: 1 litre per 3500 litres of drinking water
Layers (breeding)	: 1 litre per 3000 litres of drinking water
Pigs (starting (10-25 kg)	: 1 litre per 3000 litres of drinking water
Pigs (growing (25-60 kg)	: 1 litre per 4500 litres of drinking water
Pigs (finishing (≥60 kg)	: 1 litre per 6000 litres of drinking water
Pigs (gestating/ lactating)	: 1 litre per 5000 litres of drinking water

Dosage level can only serve as a general guideline as SICOCHOL-75 Oral requirements also depend on the diet composition.

**6. Withdrawal times:** None

**7. Warning:** Keep out of reach of children.

**8. Packing:** Bottle of 1000 ml.

Storage instructions: Dark at room temperature (15 - 25 degrees Celsius).