

# TONIMAG<sup>®</sup> Injectable solution

## INJECTABLE MAGNESIUM



In the prevention and treatment of clinical and subclinical hypomagnesemia. Metabolic imbalances due to nutritional deficiencies during lactation, caused by the consumption of fresh pastures or rich in cereals or in animals that remain outdoors in winter exposed to sudden climatic changes (rains, frosts).

## Technical Specification

### SPECIES

Bovines and sheep.

### DOSAGE FORM

Injectable solution

### THERAPEUTIC ACTION

Injectable magnesium

### COMPOSITION

Each 100 mL of solution for injection contains:  
Magnesium Sulfate x 7 H<sub>2</sub>O ..... 46.6 g  
(Equivalent to 4.6 g of Magnesium)  
Magnesium Glycerophosphate. .... 4.64 g  
(Equivalent to 0.58 g of Magnesium)  
Potassium Chloride ..... 3 g  
(Equivalent to 1.57 g of Potassium)  
Excipients q.s.p... ..... 100 mL

### INDICATIONS

In the prevention and treatment of clinical and subclinical hypomagnesemia. Metabolic imbalances due to nutritional deficiencies during lactation, caused by the consumption of fresh pastures or rich in cereals or in animals that remain outdoors in winter exposed to sudden climatic changes (rains, frosts).

### ROUTE OF ADMINISTRATION AND DOSAGE

Administer subcutaneously.

**Dosage of active ingredients:**

- Cattle: 1.04 to 2.59 g of Magnesium and 0.31 to 0.79 g of Potassium, per animal.
- Sheep: 0.52 to 1.04 g of Magnesium and 0.16 to 0.31 g of Potassium, per animal.

**Product dosage:**

- Cattle: 20 to 50 mL of Tonimag® per animal.
- Sheep: 10 to 20 mL of Tonimag® per animal.

**DRUG INTERACTIONS**

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It is not recommended to use concomitantly with other pharmaceutical products.

**CONTRAINDICATIONS**

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- Do not administer in animals with heart and / or kidney failure.
- Do not administer in animals with hyperkalemia or hypermagnesemia.
- Do not administer in animals with hemolytic disorders, untreated Addison's disease and acute dehydration.

**SPECIAL PRECAUTIONS FOR USE**

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- In case of observing a decrease in the respiratory and cardiac frequency or alterations in the respiratory depth, suspend the administration until the normal parameters are reestablished.
- Observe and monitor the animal at all times.

**SPECIAL PRECAUTIONS FOR THE OPERATOR**

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Handle the product with care. In case of accidental self-injection, immediate medical attention should be sought.

**WARNINGS**

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Keep out of the reach of children.

**ADVERSE EFFECTS**

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**The use of Magnesium and Potassium in high doses can cause:**

- At the CNS level: Somnolence and neuromuscular weakness.
- At the Cardiorespiratory level: Bradycardia, hypotension, hypocalcemia, respiratory depression and increases in Q-T intervals on the electrocardiogram. Eventually very high doses can cause cardiac arrest.
- Clinical signs can be exacerbated by concomitant hypocalcemia, hyponatremia, or acidosis.

**GUARD PERIOD**

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**Meat:** 0 days.

**Milk:** 0 days.

**OBSERVATIONS**

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**Special precautions for disposal of unused product or waste material:**

Discard the remains of unused product in its original container, well closed. Do not throw the empty container or with product remains in the ground, rivers or streams of water, or reuse the container. Dispose of this product waste carefully with household waste.

#### CONSERVATION

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Store at room temperature between 2 and 30 ° C, protected from light. Once the container is opened, use within 1 month and store between 15 and 30 ° C, protected from light. Discard the unused product after that period of time.

#### CONDITION OF SALE

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To be supply only on veterinary prescription.

#### PRESENTATION

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100 mL vial

#### PREPARED BY

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Laboratorio Drag Pharma Chile Invetec S.A.

#### RECORDS

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- Chile: Reg. SAG N° 1465
- Costa Rica: Reg. N° MAG CL4-34-01-3672

You have entered drug info or veterinary products intended exclusively (s) kind (s) indicated (s).

Drag Pharma Lab is not responsible for the consequences of misuse of the products, and the use of this information without consulting a veterinarian