

# **MAGNESIUM CARBONATE (B.P)**

**Water Dispersible Powder**  
**(Antacid, Carminative, Laxative, Detoxicant)**

## **PROPERTIES:**

- Protects mucous membrane of bowel and adsorbs the irritant and poisonous material, and prevents its absorption into the body.
- Neutralizes the gastric acid, and alkalinizes ruminal lactic acidosis produced by the soluble carbohydrates overload.
- Acts as carminative and laxative.
- Any absorbed magnesium carbonate is usually excreted rapidly in the urine.

## **INDICATION:**

- Cases of simple indigestion (Dyspepsia) and digestive upsets.
- As a detoxicant in cases of pastures' poisoning or feeding on rotten, poisonous plants or highly fermented grains.
- As a laxative and anti-flatulent in cases of constipation, grains over – feeding and impaction.
- As an antacid in cases of rumeno-reticular lactic acidosis, and gastric hyperacidity (sour stomach).
- As an adjunct in treatment of gastric ulceration.
- Cases of poisoning with acids or other acidic substances.
- As a source of magnesium for preventive purposes against hypo-magnesaemia (Grass tetany).

## **DOSAGE:**

- Given as a drench or via stomach tube.
- Mix thoroughly with water, and shake well before application.
- **Cattle, Camels, Equines:** 100-150 gm per head with 1-2 litres of drinking water.
- **Calves, Sheep, Goats:** 40 gm per head with 0.5-1 litre of drinking water.
- **Pets:** 5-10 gm with sufficient amount of water.  
As antacid, it is best given between meals and at night-time to dogs and cats.
- **Rabbits:** 1 gm per rabbit given with water.
- As a preventive source of magnesium against Grass tetany:  
It is given with feed at rate of (15) gm daily per sheep or calf, and (60) gm daily per cattle, during the period of risk.
- As a carminative and antacid, sodium bicarbonate (1.5 gm per 10 kg body wt.) may be added to the magnesium carbonate dose.

**SAFETY PERIOD:** For milk consumption: 12 hours.

## **REMARKS:**

- Treatment can be repeated if necessary.
- Over-dosage will promote purgation.
- Emetics should not be used in case of poisoning with acids.

**STORAGE:** Keep in a dry, dark place at below 30 °C

**PACKING:** (100, 250, 500, 1000) GM.