

Enervade®



OneMix Isotonic Solution for Calves and Pigs
An Isotonic Electrolyte Solution for Rehydration
With Resistant Maltodextrin

Contains Soluble Dietary Fibre and Prebiotic Carbohydrates

Nil Withholding Period

Contains no antibiotics

General Information:

Enervade is recommended for calves (with scours or travel stress) and pigs with scours. This oral nutritional compound is a complex of components in an isotonic solution aimed to provide: electrolytes to replace those lost from dehydration; alkalizing agents to assist correct acid base imbalance (caused by scouring); energy as dextrose and glycine to aid the active uptake by the intestinal bowel lining of sodium and passive uptake of other cations and anions; and prebiotic carbohydrates (non-digestible oligosaccharide) to aid the early repopulation of the large intestine with preferred bacteria as well as the benefits from their metabolites such as short chain fatty acids (SCFAs) such as butyrate to further enhance the active uptake of sodium.

Indications:

Enervade is indicated for the support of calves and pigs with scours, and for the re-hydration of calves following transport where milk or milk replacers have been withheld while calves have been in transit.

Dose Rate Recommendations:

Enervade has been formulated as a single mix powder of **70g for mixing in 2 litres of warm water**. Mix 1/2 hour before use.

Directions for Use in Calves: In calves with travel stress, offer 1 or 2 meals with Enervade before returning to milk/milk replacers.

To treat an individual calf with scours: Each treatment may need to be given at **least twice daily and possibly up to 3 times daily**. Higher dose frequency and larger volumes (up to 3 litres per treatment) may be required for larger calves or those calves more severely affected. Calves which are weak and unable to rise, and are unable to suckle, and/or with very severe dehydration as indicated by loss of skin elasticity will require veterinary attention for intravenous fluid replacement. Low body temperature (hypothermia) is a sign of severe acidosis, as well as severe dehydration. Keep these severely affected calves warm and re-hydrated with Enervade to aid improved survival rates.

Directions for Use in Pigs: Offer pigs free access to a solution of Enervade at the recommended dilution rate, while maintaining pigs access to food and water. Treatment may be required for 3-5 days.

Feeding Calves when under treatment with Enervade

In order to protect calves from excess body weight loss, and to provide nutritional support as early as possible, those calves which have responded to re-hydration (e.g. 36 - 48 hours) but are still requiring treatment because scouring is continuing should be offered whole milk or milk replacer.

Note: As Enervade contains bicarbonate for rapid correction of acid base imbalances from scouring, this may affect curdling of milk in the abomasum. In order to prevent this, it is recommended that 1 litre of undiluted milk or milk replacers be given no less than 3 hours after electrolytes have been provided. Do not mix Enervade directly with milk as this may contribute to a nutritional scour from undigested food passing to the small intestine from the abomasum.

Precautions:

Enervade is not recommended as a food, and its use for longer than 2 days is not recommended without seeking veterinary advice. Should calves or pigs not improve consult your veterinarian.

General Advice: Only use Enervade at the recommended concentration (70g in 2 litres of warm water). Use fresh solutions made up with water within 24 hours. Enervade contains a green colouring agent.

By law the user must take due care, obtaining expert advice when necessary, to avoid unnecessary pain and distress when using the product other than as directed on the label.

Storage: Store Enervade in a dry, sealed container. When not in use, keep in a dry, cool area.

Contents:

70g /2 heaped scoops

Enervade is registered pursuant to the ACVM Act 1997, No A09410.

See www.foodsafety.govt.nz for registration conditions

AH-ENV-LF-1