

FACT SHEET

ENERVADE

WHAT IS ENERVADE

Enervade is a powder for oral administration to calves and pigs that forms an isotonic electrolyte solution for rehydration when mixed in water prior to administration.

Each 100g contains glycine 9.15g, sodium chloride 8.86g, sodium bicarbonate 6.57g, potassium citrate 0.14g, potassium chloride 1.00g, monopotassium phosphate 2.84g, dextrose 57.14g, and resistant maltodextrin, soluble dietary fibre, and prebiotic carbohydrates.

Enervade is an electrolyte replacement as a 70g treatment to be mixed in 2 litres of warm water.

WHAT IS ENERVADE FOR?

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

When mixed with water Enervade forms 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
- 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 (e.g. butyrate) to further enhance the active uptake of sodium.

WHEN SHOULD YOU USE ENERVADE?

Enervade is recommended for calves with scours or travel stress, and pigs with scours.

HOW DO YOU USE ENERVADE?

Enervade has been formulated as a single mix powder of 70g (2 heaped scoops) for mixing in 2 litres of warm water. Mix ½ hour before use. Use fresh solutions made up with water within 24 hours.

Calves: Give 2 litres 2 – 3 times daily, give more frequently for more severely affected or older calves. Up to 3 litres per treatment can be given for larger calves.

In calves with travel stress, offer 1 or 2 meals with Enervade before returning to milk / milk replacers.

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

Allow 3 hours between milk / milk replacers and Enervade, as Enervade contains bicarbonate for rapid correction of acid base imbalances from scouring, this may affect curdling of milk in the abomasum. Also, 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.

Seek veterinary attention for calves which are weak and unable to rise, and are unable to suckle, and / or with very severe dehydration.. Keep these calves warm and re-hydrated with Enervade to aid improved survival rates.

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 while also eating. Seek veterinary advice if pigs fail to respond.

WITHHOLDING PERIOD

Nil

STORAGE

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

PACK SIZES

5kg, 15kg

REGISTERED VETERINARY MEDICINE

ACVM Registration Number: A09410

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