



NEUTRADEX[®]

MILD DIURETIC AND ACID NEUTRALISING SYRUP

Neutradex contains sodium acid citrate salt in a caramel flavour syrup base. The acid-citrate salt is a buffering agent - providing mild neutralising power against alkaline salts as well as strong buffering activity against acid salts which build up acid in the blood or urine after hard exercise.

WHAT IS NEUTRADEX?

- ✓ Buffers the acid build up in muscle cells
- ✓ Stimulates the thirst response
- ✓ Prevents dehydration
- ✓ Prevents muscle soreness after fast work
- ✓ Palatable caramel flavour

WHY CHOOSE NEUTRADEX?

To combat the effect of acidosis and dehydration

During exercise, lactic acid and "free radicals" build up in the muscles, and if not neutralised and removed can lead to cramping, stiffness, fatigue and slow recovery. NEUTRADEX is formulated to combat the effects of acidosis and dehydration, particularly after hard work.

NEUTRADEX encourages dogs to drink

The sodium content (although the sodium requirement is low in greyhounds because they do not sweat) given as an after race recovery dose stimulates the thirst reflex, encouraging the dog to drink more. This in turn corrects post-race dehydration and flushes acid and metabolic wastes from the kidneys.



Available in 1L, 5L & 20L packs

WHEN TO USE NEUTRADEX

Neutradex is recommended as a routine "kidney tonic" after hard racing.

NEUTRADEX is most effective when used after a trial or race where lactic acid build up in the muscles and blood should be effectively and rapidly neutralised to prevent stiffness, soreness and discomfort, and to improve recovery.

It is not recommended for every day use because of its potential to increase the excretion of potassium by alkalisating the urine.

Potassium is an electrolyte often deficient in greyhound diets and essential for optimum nerve and muscle function.



NEUTRADEX[®]

MILD DIURETIC AND ACID NEUTRALISING SYRUP

WHY DOES MY GREYHOUND NEED A MILD DIURETIC AND ACID NEUTRALISING SUPPLEMENT?

Sodium – stimulates thirst, encouraging greyhounds to drink more water. This helps correct dehydration, as well as increase urine output to “flush” kidneys.

Citric acid – provides a weak acid buffer source to counteract any alkaline content if present, and complements citrate as an alkaline buffer.

Citrate salt – can enter muscle cells to neutralise lactic acid by splitting into bicarbonate salt, whereas bicarbonate itself cannot enter muscle cells. Citrate salt provides an indirect alkaline reserve if required, and also acts as an energy source for the liver during recovery from hard work.

QUICK REFERENCE GUIDE

INDICATIONS:

- Aids in the prevention and treatment of acidosis and dehydration in racing greyhounds.

RECOMMENDED FOR:

- Dogs in work
- Dogs with a history of cramping and muscle fatigue
- Preventing dehydration
- Preventing muscle soreness

PRESENTATION:

- 1L, 5L & 20L packs (5L & 20L packs feature a horse picture, but are suitable for greyhounds as well)

COMPOSITION:

- Each 4mL dose contains:

Sodium acid citrate

1.13g

DOSAGE & DIRECTIONS:

- Ensure an adequate supply of cool, clean water is available at all times.
- **Daily Dose:** 4ml mixed into food or milk while greyhound is in hard work.
- **After race dose:** 6ml mixed into next feed, or deposited over the tongue by oral syringe, for at least the first morning after a race and preferably the two mornings following a hard race. Greyhounds suffering from dehydration need a supplementary daily dose of electrolytes.
- For a daily electrolyte use BETA-CEL[®] electrolyte supplement for greyhounds.

NEUTRADEX[®]