



TECHNICAL NOTES



Lectade[®]

Liquid Concentrate



Active Constituents

Each Litre contains:

Glucose 278.75 g

Sodium chloride 53.44 g

Glycine 38.56 g

Potassium phosphate monobasic 25.53 g

Citric acid monohydrate 3.28 g

Potassium citrate 0.75 g

Description

An oral, non-antibiotic supportive treatment for scouring or dehydrated dogs, cats, calves, pigs, lambs and foals.

Actions

Non-antibiotic oral supportive treatment. Glucose and glycine are actively absorbed by the intestinal tract causing water and sodium to be absorbed simultaneously with these nutrients, ensuring a high degree of rehydration in scouring and dehydrated dogs and cats, calves, pigs, lambs and foals.

Indications

An oral, non-antibiotic supportive treatment:-

- For diarrhoeic, dehydrated and convalescent dogs and cats, including those suffering debilitating viral disease such as canine parvovirus or feline panleucopaenia;
- To replace lost fluids and electrolytes in scouring or dehydrated calves, pigs, lambs and foals

A suitable first feed for bought-in or stressed calves and pigs.

An aid in the treatment of pregnancy toxemia in ewes.





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Directions for Use

Lectade® Liquid Concentrate is intended for oral administration after dilution with 11.5 times its own volume of water. (See Dilution Table – on 250 mL pack only, 1 cap = 10 mL). It is an oral rehydration therapy for dogs and cats and an oral rehydration fluid for the treatment of scours in calves, pigs, lambs and foals. It may also be given undiluted to ewes as an aid in the treatment of pregnancy toxæmia.

The table gives directions for the preparation of commonly required dose volumes. Measure the required volume of Lectade® Liquid Concentrate into the mixing vessel and make up to volume required with clean, fresh drinking water. Replace cap firmly after use.

Dilution Table:

Volume Lectade® Concentrate	Add water to make
10 mL	125 mL
20 mL	250 mL
40 mL	500 mL
60 mL	750 mL
80 mL	1 L
160 mL	2 L

250 mL pack makes a total of 3.125 L, 1L pack makes a total of 12.5 L

Dosage and Administration

Stressed and scouring animals requiring rehydration are at risk of multiple organ dysfunction. It is strongly recommended that veterinary advice is sought when considering treating dehydrated animals.

Cats and Dogs

As a guide, the following dosage regimens of prepared Lectade® solution are recommended:

Miniature dogs, cats: 125 mL 2-3 times daily

Small dogs: 250 mL 2-3 times daily

Medium dogs: 500 mL 2-3 times daily

Large dogs: 750 mL 2-3 times daily

Many dogs find Lectade® palatable and will drink it voluntarily. Palatability for cats is variable. Lectade® may also be administered orally via dosing syringe. Treatment should be continued for 1-2 days after the animal appears clinically recovered and is feeding normally.

Calves

Scouring calves: Dose rate: 1 - 1.5 L of diluted Lectade® solution per 10 kg bodyweight daily, divided into two or more daily doses. If the scouring is established or severe causing serious dehydration, the higher dose should be used initially and fed in 3 or 4 divided doses. 2 litres of solution given night and morning will be adequate in many cases.

Directions: To maintain adequate energy and nutrient intake, milk feeding should continue as normal during periods of scouring. Diluted Lectade® solution should be given between these milk feeds. Replace with fresh solution every 24 hours. Fresh drinking water should be available at all times.

Keep feeding utensils clean and avoid overfeeding.





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Normal feeding should be resumed after the course of treatment. Many scouring problems can be avoided by feeding adequate colostrum early in the calf's life. Seek veterinary advice if blood is present or if scours persist beyond 4 days.

Bought-in or stressed calves: Feed 2 litres of diluted Lectade® solution made up as directed, instead of milk as first feed on arrival. For the next scheduled feed, use 1 litre of diluted Lectade® solution at the same time as, but not mixed with milk or milk replacer. Thereafter feed normal diet.

Pigs

Suckling pigs: Make available freshly diluted Lectade® solution to the whole litter in a cube drinker or similar clean vessel as soon as scour symptoms show. A litter of 1 week old piglets will consume approximately 2 - 3 litres / day.

The amount consumed will increase with the age of the piglets. Piglets may be dosed individually, by giving 20 – 30 mL diluted Lectade® solution 3 or 4 times a day but take care to avoid choking. Take care to ensure that piglets are not left without diluted Lectade® solution, drinking water or sow's milk. Check supply of solution every 12 hours and replenish if necessary.

Weaned pigs: Scouring weaned pigs should have fresh diluted Lectade® solution available in a suitable clean vessel. Restrict solid feed intake for 1 – 2 days but continue to supply fresh drinking water. As a general guide, weaners will consume 1 – 2 litres / weaner / day.

Duration of treatment (all pigs): Diluted Lectade® solution should be made available for 4 days, but if the scour has not cleared completely, treatment may be continued for up to 8 days in total. If there is no sign of improvement consult your Veterinary Surgeon.

Periods of Stress: For the 2 – 3 days following any period of stress (i.e. weaning, transporting, etc), Lectade® will help to increase fluid and electrolyte consumption and absorption, so minimising any possible setback. As diluted Lectade® solution is extremely palatable and excessive drinking may occur, for this indication only, diluted Lectade® solution at half the strength recommended in the table above may be used.

REPLACE WITH FRESH SOLUTION EVERY 24 HOURS.

Sheep

Scouring lambs: Give 150 – 200 mL of fresh diluted Lectade® solution, 2 – 4 times daily as required. The solution should be adjusted to body heat and given via feeding bottle and teat. The lamb should also suck the ewe. Unused diluted solution may be kept in a clean container below 25°C but should be replaced with fresh solution every 24 hours.

Pregnancy toxæmia in ewes: Administer 160 mL UNDILUTED solution per ewe using suitable drenching equipment. Repeat at 4 to 6 hour intervals as necessary. Prompt treatment as soon as symptoms appear improves the likelihood of complete recovery.

Foals

Administer diluted Lectade® solution, made up as directed, orally to scouring or dehydrated foals by drenching bottle or stomach tube. As a guide, 1 – 2 litres of freshly diluted Lectade® solution 2 – 3 times daily, depending on bodyweight and severity of the symptoms, has been reported as a suitable dosage regimen for neonatal foals.

Withholding Periods

Zero (0) days

Trade Advice

Export Slaughter Interval (ESI): Zero (0) days.





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First Aid

If poisoning occurs, contact a doctor or Poisons Information Centre on 13 1126.

Presentation

Liquid concentrate: 250 mL. (Sufficient to make up 3 L solution.)

GHS Information

For GHS Information, see Safety Data Sheet.

Storage

Store below 25°C (air conditioning) and away from direct sunlight. Replace cap tightly once bottle has been opened. Unused diluted solution may be kept in a clean container below 25°C but should be replaced with fresh solution every 24 hours.

Poisons Schedule

Nil.

Registration Number

APVMA No. 47670

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