

White powder

<https://www.revivalanimal.com/pet-health/electrolytes/learning-center>

Above is direct link to website where this can be purchased and article can be read.

## **Electrolytes: Fluid Therapy for Puppies & Kittens**

Neonates are unique in that they are over 70 percent water. Often after initial issues with disease have passed, dehydration and electrolyte loss will cause the death of the neonate. The signs often mimic disease, and most neonates will be weak, lethargic, or not eating.

Nursing and weaned babies will dehydrate quickly when they are not drinking. When you add vomiting or diarrhea to the issue, they lose fluid even quicker. It is crucial to replace these lost fluids. (For reference, two tablespoons of diarrhea or vomit needs 30 cc of fluid replacement.) The two big electrolytes are Sodium and Chloride. If the issue continues, Potassium also needs to be added. All fluid loss can be corrected quickly with oral electrolytes if the neonate is not vomiting. If they are vomiting, then injectable or colonic fluid replacement is needed.

## **Oral Fluids**

An emergency is not life-threatening if you have the solution to the problem. Electrolyte packets are easy to keep for months and are there for use when you need them – usually 8 p.m. on a Friday. This underused route is usually added after recovery but should be used before and during illness for a much better chance of saving the litter. With oral electrolytes, it's easy to support the whole litter when you think they are getting sick and also during treatment. With electrolyte support, littermates may never get sick.

Oral electrolytes such as Breeders' Edge® Puppy and Kitten Lyte have salts plus glucose or dextrose for energy. Other electrolytes work well too, but some have issues with the sugar source sticking to water bottles and bowls, which make them difficult to clean. Though expensive, Pedialyte with glucose (for human babies) in an emergency situation is alright to use. It is too sweet for puppies and kittens so dilute 50/50 with water before using, and they will swallow without gagging.



