



Why CeraLyte ORS?

Introduction:

CeraLyte is a unique Oral Rehydration Solution (ORS) available in both powder and ready-to-drink forms. It is based on a long-chain rice carbohydrate, and comes in a variety of sodium strengths and flavors.

The important question:

Why use CeraLyte for adult and pediatric patients, rather than other products on the market, such as 'Gatorade', 'Pedialyte', popsicles, juices or soft drinks?

Related questions:

Why rice-based instead of glucose?

Why a range of sodium strengths rather than one 'all-purpose' solution?

Why not homemade rice-based ORS?

The answers:

- CeraLyte is a patented long-chain rice carbohydrate electrolyte solution. Other electrolyte products are based on simple sugars such as glucose (Gatorade, Pedialyte, Pediatric Electrolyte), rice flour, or are predominantly simple sugars with a little rice flour or gruel added.
- CeraLyte is cost effective. Its rice-based complex carbohydrates allow delivery of more carbohydrate per ml (often twice the amount of competitors') without osmolarity penalty. This is important because osmolarity is a key factor in the rate of fluid absorption from the small intestine, and carbohydrates are required for electrolyte absorption.¹
- CeraLyte is convenient. It is available in both powder and ready-to-drink formats, and comes in sweet and savory flavors. It can be served hot (as soup or tea), cold or even frozen as an 'ice-pop.' Giving CeraLyte with a teaspoon or as an 'ice pop' is particularly effective for those who are vomiting. Thus, CeraLyte offers versatile solutions for all situations -- at home, assisted living and nursing home facilities, and in the hospital.
- CeraLyte is pre-measured. It has consistent electrolyte, carbohydrate and osmolarity properties. Homemade rice ORS is inconvenient to make, and the resultant solution can vary significantly in osmolarity. It is also subject to human errors in mixing and measuring.
- CeraLyte has a unique dual action. CeraLyte not only replaces lost fluids, it reduces on-going fluid losses.^{2,3} The mechanism for this action is believed to be a protein inherent in rice, as well as its

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advanced oral hydration products

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