



About Aqualyte

Aqualyte is a low sugar, rapidly absorbed hypotonic fluid and electrolyte solution designed to replace fluid lost through sweating and prevent heat-related illness, where sustained high performance is required (e.g. athletes & workers performing physical tasks in hostile environmental conditions).

Key Facts

- Aqualyte is a hypotonic solution, which means it is rapidly absorbed into the body. This makes it more effective at maintaining hydration, as well as eliminating the feeling of fullness and bloating.
- It is designed for fluid and electrolyte replacement, as hydration (fluid volume) is the critical factor for maintaining sweat rate and preventing heat-related illness.
- While Aqualyte is a low sugar product, it contains some carbohydrate. This important distinction makes it more effective at restoring hydration than alternatives containing high sugar content or artificial sweeteners. Small amounts of glucose and sucrose offer a number of benefits:
 - They increase the absorption rate of both fluid and electrolytes into the body (rapid absorption through the co-transport system).
 - They provide nutritional value to help prevent fatigue, which supports productivity and contributes to preventing workplace accidents.
 - They are healthier alternative than high sugar drinks, or those that use artificial sweeteners.
 - In conjunction with the correct concentration of electrolyte and carbohydrate, it makes the solution suitable for prolonged use through the day.
- Natural flavours are used in Aqualyte, not artificial ones.

Product Comparison

- High sugar drinks are unhealthy and due to their concentration, slows fluid and electrolyte absorption (hypertonic or isotonic).
- Unlike electrolyte replacement drinks, Aqualyte is designed to restore both electrolyte and hydration levels.
- Artificial sweeteners, flavours and colours have no nutritional value, nor do they increase the rate of fluid absorption or help prevent fatigue.
- Recent research suggests that artificial sweeteners could have detrimental effects on the digestive enzymes and bacteria.
- Aqualyte was formulated to meet the specific health needs of workers, based on research findings. It was not made as a commercial beverage and then marketed to fit a niche.
- Customers specifically request Aqualyte - its success has resulted from positive user experience and word-of-mouth referrals, rather than extensive marketing and promotion.