

SALT MINERALS FOR BOTTLED DRINKING WATER

Our body is a complex system that requires a variety of minerals to function optimally. Drinking pure water alone sometimes isn't enough to meet these needs. That's why enriching our drinking water with specific minerals is a crucial step to match the needs of our bodies and to lead the bottled water market that has taken off like a rocket.

In most countries, the production of water involves several stages, often resulting in demineralization of the water. Therefore, reintroducing minerals becomes a critical step in water production. Ensuring the quality of mineral salts used in water mineralization is paramount for water producers, who are required to adhere to the WHO's Guidelines for Drinking Water Quality and Guidelines on Health Aspects of Water Desalination.

WHAT IS THE EFFECT ON THE HUMAN BODY OF INCREASING MINERALS SALTS IN OUR DRINKING WATER?

- **Mineral Balance:** Various mineral salts such as calcium chloride, magnesium chloride, and potassium bicarbonate contribute to maintaining a balance of essential minerals, crucial for the health of muscles, bones, and teeth.
- **Regulation of Nerve and Muscle Activities:** Magnesium chloride supports the normal function of nerves and muscles, essential for movement and coordination.
- **pH Regulation:** Mineral salts such as Sodium bicarbonate can aid in balancing the body's pH and maintaining a healthy acid-base balance.
- **Digestive Support:** Some mineral salts, such as sodium bicarbonate, can promote digestion and help neutralize stomach acid.
- **Hydration:** Mineral salts such as Potassium bicarbonate and magnesium sulphate, contribute to maintaining optimal fluid balance in the body, crucial for hydration and the functioning of various organs.
- **Support of Metabolic Processes:** Potassium bicarbonate, magnesium chloride, and calcium chloride play roles in various metabolic processes, including energy production and nutrient utilization.



HOW CAN SALT MINERALS GMBH SUPPORT YOUR BOTTLED WATER PRODUCTION WITH THEIR PRODUCTS?

Name	Formula	Bromide	Standard Package sizes
DriWa - CCD	$\text{CaCl}_2 \cdot 2 \text{H}_2\text{O}$	<10 ppm	25Kgs or BigBags: with or without carton
DriWa - MSH	$\text{MgSO}_4 \cdot 7 \text{H}_2\text{O}$	<5 ppm	
DriWa - MCH	$\text{MgCl}_2 \cdot 6 \text{H}_2\text{O}$	<20 ppm	
DriWa - PHC	KHCO_3	<5 ppm	
DriWa - SHC	NaHCO_3	<5 ppm	
DriWa - CSD	$\text{CaSO}_4 \cdot 2 \text{H}_2\text{O}$	<10 ppm	



DO YOU HAVE ANY FURTHER QUESTIONS ABOUT THE TOPIC DRINKING WATER? YOUR CONTACT PERSON AT SALT MINERALS GMBH

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