

AGent Sales Industrial & Mining

Magnesium Hydroxide

Magnesium hydroxide is a safe & cost-effective alternative to the use of caustic soda (sodium hydroxide) or sodium carbonate (soda ash) for wastewater alkalinity & pH adjustment. By replacing the sodium from caustic soda & soda ash with the magnesium ion, the treated wastewater will not contribute to environmental or farmland salinity. Magnesium is a macronutrient for plants.

Magnesium hydroxide is also a coagulant & assists with solids settling, resulting in a more compact sludge & improves secondary treatments & anaerobic digestion performance.

Packaging: 1500kg (1000L IBC)

Specification

Description	Typical	Unit
Appearance	White / light grey Liquid	
Magnesium hydroxide as Mg(OH) ₂	Min. 55	% w/w
Calcium hydroxide as Ca(OH) ₂	1 - 2	% w/w
Specific Gravity	1.5 – 1.6	
Total solids	58 - 62	% w/w
Insoluble	Max. 0.3	%