



# Bleach Mag

## Suspension for pulp bleaching - BleachMag®

<b>Description</b>	High purity, concentrated, stabilized reactive magnesium hydroxide aqueous suspension					
<b>Application</b>	Can be used as an alkali source and as a cellulose protector in pulp bleaching systems. effectively replaces soda ash ( $\text{Na}_2\text{CO}_3$ ), caustic soda ( $\text{NaOH}$ ), caustic magnesia ( $\text{MgO}$ ), sodium silicate ( $\text{Na}_2\text{SiO}_3$ ) and magnesium sulfate ( $\text{MgSO}_4$ ).					
<b>Chemical and Physical properties</b>	<b>Aqueous Suspension</b>	<b>Specification</b>				
	Dry Solids, %	50 min.				
	Density, $\text{kg}/\text{m}^3$	1300 min.				
	Viscosity, (Brookfield VT, 100 rpm), cps	70-600				
	<b>Dry Solids Basis</b>					
	MgO/ $\text{Mg}(\text{OH})_2$ % over	64,0/92,8				
	CaO, %, less than	2,5				
	$\text{SiO}_2$ , % less than	2				
	$\text{Fe}_2\text{O}_3$ , % less than	0,15				
	MnO, % less than	0,03				
$\text{Al}_2\text{O}_3$ , % less than	0,1					
Median Particle Size (d50), microns	4-6					
Product appearance	White, homogeneous, stabilized suspension					
	(All Chemicals Shown on 100% basis)					
<b>Equivalents</b>	$\text{MgSO}_4$ NaOH	<table border="0"> <tr> <td> </td> <td>1.00 kg Equivalent to 0.48 kg <math>\text{Mg}(\text{OH})_2</math></td> </tr> <tr> <td> </td> <td>1.00 kg Equivalent to 0.73 kg <math>\text{Mg}(\text{OH})_2</math></td> </tr> </table>		1.00 kg Equivalent to 0.48 kg $\text{Mg}(\text{OH})_2$		1.00 kg Equivalent to 0.73 kg $\text{Mg}(\text{OH})_2$
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<b>Packing:</b>	Tankcar, tank truck.					
<b>Security</b>	Refers to low-hazard substances - Hazard Class 4; fire - and explosion-proof, non-toxic					
<b>Transportation:</b>	Transported by all modes of transport in accordance with the rules of transportation of goods, operating in this mode of transport					

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