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Product Data
THIOGUARD® (PSJ)
Magnesium Hydroxide Suspension

THIOGUARD (PSJ) is an aqueous suspension of magnesium hydroxide produced by precipitating $Mg(OH)_2$ from seawater. The suspension has enhanced stability with excellent flow and storage properties.

THIOGUARD (PSJ) has found wide use as a convenient source of magnesium hydroxide in chemical processing, water treatment and particularly in waste water treatment.

CHEMICAL ANALYSIS			
	Typical	Maximum	Minimum
(Dry Basis)			
LOI	31.00		
SO ₃	0.50		0.30
Cl	0.10	0.20	
(Ignited Oxide Basis)			
MgO	98.40		98.00
CaO	0.65	1.00	
SiO ₂	0.35	0.50	
Fe ₂ O ₃	0.12		
Al ₂ O ₃	0.13		
B ₂ O ₃	0.25		
PHYSICAL PROPERTIES			
Solids, %		56.0	53.0
Density, lbs./gal.		12.3	11.9
Viscosity, cps*		700	200
* Brookfield Viscometer #3 spindle at 100 rpm, 60 seconds, 70°F			

PACKAGING AND STORAGE:

THIOGUARD (PSJ) is shipped in bulk tank trucks. Extended storage requires intermittent agitation. THIOGUARD (PSJ) should be prevented from freezing.

MC-FPS-762
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