SUMMIT RESOURCE GROUP INC

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Magnesium Hydroxide Powder; 95% MgOH

Industrial Grade Magnesium Hydroxide; Powder
$Mg(OH)^2$: 95% ; MgO: 65.645%; Mg: 40.04%

Typical Physical Analysis:

Specific Gravity:	2.42 g/cm3
Moisture:	<0.1
pH	9-10

Particle Size can be produced to meet specifications
Size distribution of the granules:

Median Particle Size:	>10 microns
Passing 325 Mesh:	99%

CO^2 Footprint associated with $MgOH^2$:

100 lb Brucite (Natural source) =	**0.84 lbs of CO^2**
100 lb Magnesite (MgCO3) =	63.7 lbs of CO^2
100 lb Brine/Seawater (Synthetic) =	38.0 lbs of CO^2

Typical Chemical Analysis:

Magnesium Hydroxide:	**>95%**
CaO	<3%
SiO2	<3%
Fe2O3	0.3
Al2O3	0.1
MnO	<1
P2O5	0.1
Na2O`	0.02
K2O	0.02

Typical Slurry Analysis:

50% liquid Solution
11.8 lbs per gallon (wet weight)
5.95 Dry lbs MgOH2 per gallon
1.48 specific gravity

Available Packaging:

50# bags & 2,000# bags
Liquid Slurry available in some locations

Specifications for Liquid (slurry):

The dry powder is added to water to produce a Liquid $MgOH^2$. There is no rehydration necessary and mixing time is only required depending upon percent solids being made. A 50% solution has the viscosity of a thin latex paint. Recirculation or mechanical mixing is required for bulk storage. The $MgOH^2$ slurry can be made up to approx 55% solids. Approximately 12 dry tons per bulk liquid shipment.