



**LYMAN DUST CONTROL, INC**

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**MAGNESIUM CHLORIDE AQUEOUS SOLUTION**

MARCH 2025

**PRODUCT DATA**

**PRODUCT USES:** Magnesium Chloride dust control agent is used for the suppression and control of dust associated with dirt roads, construction sites, unpaved parking lots, mines, and gravel quarries.

**CHARACTERISTICS:** Magnesium Chloride is a highly concentrated magnesium chloride brine. It is a dense, clear liquid weighing approximately eleven (11) pounds per gallon. The density and chemical composition of the brine may vary slightly with seasonal weather fluctuations that affect solar evaporation.

CHEMICAL ANALYSIS (wt%)	TYPICAL	RANGE
Magnesium Chloride (MgCl <sub>2</sub> )	28	27 - 34
Chloride (Cl)	20.9	20.1 - 25.3
Magnesium (Mg)	7.1	6.9 - 8.7
Sulfate (SO <sub>4</sub> )	3.3	2.0 - 4.0
Sodium (Na)	0.8	0.5 - 1.5
Potassium (K)	0.7	0.5 - 1.5

PHYSICAL PROPERTIES	TYPICAL	RANGE
Specific Gravity	1.29	1.26 - 1.33
Bulk Density	10.8 lbs/gallon	

SHIPPING INFORMATION	
Container	Rail Tank Car
Shipping Point	Tacoma, WA

The information contained in this data sheet is believed to be a true and accurate representation of average properties obtained from commercial production lots and should not be considered guaranteed specifications.