



## LYMAN DUST CONTROL, INC

P.O.Box 1460,  
Hayden, ID  
83835-1460

# MAGNESIUM CHLORIDE AQUEOUS SOLUTION

MARCH 2020

### 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

<b>PHYSICAL PROPERTIES</b>	<b>TYPICAL</b>	<b>RANGE</b>
<b>SPECIFIC GRAVITY</b>	1.29	1.26 - 1.33
<b>CHLORIDE (CL)</b>	10.8 lbs/gallon	

<b>SHIPPING INFORMATION TYPICAL</b>	
<b>CONTAINER</b>	Rail Tank Car
<b>SHIPPING POINT</b>	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.