



PRODUCT SPECIFICATION

PRODUCT INFO			
Product Name	Magnesium Chloride Liquid	Product ID	ETS-10011
Product Application	Anti-icing, deicing, unpaved road base stabilization, dust control, clay stabilization, construction, water treatment, and cosmetics.		
CHEMICAL PROPERTIES			
Chemical Constituent	Typical Analysis (%)		Range (%)
Magnesium Chloride	29.0		28.0-31.0
Magnesium Sulfate	0.5		≤ 1.0
Sodium Chloride	0.6		≤ 0.7
Potassium Chloride	0.5		≤ 0.5
Water	69.4		66.8-69.8

Typical Analysis

GENERAL SPECIFICATIONS			
Constituent	Detected Level (ppm)	Constituent	Detected Level (ppm)
Arsenic	≤ 5.00	Barium	≤ 100.00
Cadmium	≤ 0.20	Chromium	≤ 1.00
Copper	≤ 1.00	Lead	≤ 1.00
Mercury	≤ 0.05	Selenium	≤ 5.00
Zinc	≤ 10.00	Phosphorus	≤ 2500.00
Cyanide	≤ 0.20	Molybdenum	≤ 15.00

PRODUCT TESTING	
TEST DESCRIPTION	TEST RESULTS
Form, Color, Odor	Liquid, Light amber colored, Mild
Specific Gravity (g/mls @ 20 °C)	1.282-1.302
Density (lbs/gal @ 20 °C)	10.698-10.865
pH (@ 20 °C)	6.0-9.0