



SOS Mag®
TREATED SALT

ENHANCED LIQUID MAGNESIUM



GET THE MOST OUT OF YOUR SALT

Why Choose SOS Treated Salt?

- Permits the use of salt at lower temperatures.
- Increase the speed and effectiveness of salt.
- Reduces the effects of corrosion.
- Aids in the prevention of freezing or "clumping".
- Reduced bounce and scatter.
- Diminishes leaching in stockpiles.
- Treated with liquid, enhanced Magnesium

The gallons per ton are not changed for temperature. The rate at which you apply the treated salt may need to change as the temperature drops. Most Cities and DOTs apply 6-8 gallons/ton.

People Helping People Improve Their Environment

For more than 30 years, our partner has proven to be an industry leader in soil stabilization and road solutions. We effectively produce high performing products that provide our customers with improved efficiency and reduced cost. We achieve these goals while, at the same time, reducing environmental impact and enhancing sustainability.



Call Us
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P.O. Box 22404
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SALT PROPERTIES

Constituent	Specification	Sieve Size	Percent Passing
Sodium Chloride	>97% dry basis	1/2" - (12.5mm)	100
Moisture	<0.5%	3/8" - (9.5mm)	95-100
YPS	70 - 100ppm	No. 4 - (4.75mm)	20-90
		No. 8 - (2.36mm)	10-60
		No. 30 - (600 microns)	0-15

TREATMENT LIQUID PROPERTIES

Chemical Composition	Typical Analysis	Range
Magnesium Chloride	26%	24% - 30%
Proprietary Enhancing Additive	<5%	0.01% - 5%
pH	6-9	6-9
Specific Gravity	1.26	1.24 - 1.30
Weight per Gallon	10.5	10.3 - 10.9
Settleable Solids	<1.0%	<1.0%

TYPICAL TREATMENT LIQUID ANALYSIS

Constituent	Detected Level	Constituent	Detected Level
Phosphorus	<2500	Chromium	<1.0
Cyanide	<0.2	Cadmium	<0.2
Arsenic	<5.0	Barium	<100
Copper	<1.0	Selenium	<5.0
Lead	<1.0	Zinc	<10
Mercury	<0.05		

TREATED SALT PROPERTIES

Constituent	Specification	Sieve Size	Percent Passing
Sodium Chloride	>97% dry basis	1/2" - (12.5mm)	100
Moisture	<4.8%	3/8" - (9.5mm)	95-100
Treatment Liquid Add Rate	6 - 8 gallons per ton as specified	No. 4 - (4.75mm)	20-90
Flowability	Free Flowing	No. 8 - (2.36mm)	10-60
Leaching	Reduced when stored properly	No. 30 - (600 microns)	0-15