

Product Data Sheet



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THAWROX™ MG PLUS TREATED SALT

PRODUCT DESCRIPTION

Rock salt obtained by conventional mining methods, crushed, and screened to size. The salt is then admixed with magnesium chloride and an agriculture-based viscosity modifier that inhibits corrosion and reduces leaching. The corrosion-inhibited magnesium chloride is less corrosive than salt when tested using a modified National Association of Corrosion Engineers procedure. Sodium ferrocyanide is added as an anti-caking agent. A dye can be added to visually aid in product application.

TYPICAL SCREEN ANALYSIS

Retained and Cumulative (99.7% Confidence)

USS Mesh	Tyler Mesh	Open. (in)	Ret. %	Range %	Pass %	Range %
0.500	0.500	0.500	0.2	0 – 1	99.8	99 – 100
3/8	0.371	0.375	6.0	0 – 16	93.8	88 – 100
4	4	0.1870	33.7	4 – 63	60.0	24 – 96
8	8	0.0937	34.1	17 – 51	26.0	0 – 63
30	28	0.0234	20.7	0 – 47	5.3	0 – 17
Pan	Pan		5.3	0 – 17		

Average Particle Size 0.407 inches (5.2 mesh)

PHYSICAL PROPERTIES

Bulk Density 72 lbs/cubic foot

Chemical Analysis (99.7% Confidence)			Typical	Range
Sodium Chloride	NaCl	(%)	93.60	92.60 – 94.50
Magnesium Chloride	MgCl ₂	(%)	1.08	0.80 – 1.20
Calcium Sulfate	CaSO ₄	(%)	1.56	0.00 – 3.40
Moisture		(%)	2.30	1.50 – 4.00
Water Insolubles		(%)	0.68	0.00 – 1.85

METHOD OF ANALYSIS

American Society for Testing and Materials Procedure E534. All other testing is from North American Salt's internal quality control procedures, which are available upon request.

ADMIXTURE

Maximum 50 parts per million sodium ferrocyanide (YPS) added to prevent caking.

Magnesium chloride is added with an agriculture-based viscosity modifier to reduce corrosion and enhance melting performance.