



Item: MGS7MPI50L40

Magnesium Sulfate Hepta (Epsom Salt) - Tech, 50lb Plastic Bag / 40 Bags per Pallet

Ref: PDS

Product Data Sheet

Certificate Date: .NULL.

Expiration Date: .NULL.

Shelf Life: 2 yr

MFG Batch or Lot:

Synonyms:	Epsom Salt tech grade	Chemical Formula:	MgSO4.7H2O
Appearance:	White Granular Crystals	CAS Number:	10034-99-8
Country of Origin:	Germany	Molecular Weight:	246.48
		Packaging:	50 lb PLASTIC BAG

THE FOLLOWING VALUES HAVE BEEN PROVIDED TO CHEM ONE BY THE MANUFACTURER OF THIS PRODUCT. CALL CUSTOMER SERVICE IF YOU HAVE ANY QUESTIONS OR NEED ADDITIONAL INFO. 713-896-9966 M-F 8AM - 5PM CST.

PRODUCT MAY CAKE OVER TIME	Specifications		Typical	Analysis
MgSO4.7H2O* (calc from dry) *Mg =9.7%,	99.0%	Min		
MgSO4 * S=12.8% min	48.0%	Min	49% mfg typ	
Ignition Loss	52.0%	Max	51%	
Chloride (Cl)	0.020%	Max	0.02%	
Calcium (Ca)	0.010%	Max	0.01%	
Sodium	0.012%	Max	0.01%	
Potassium	0.300%	Max	0.04%	
Iron	1 ppm	Max	<1 ppm	
Water-insolubles	0.010%	Max	<0.01%	
Heavy metals as Pb	5 ppm	Max	<5 ppm	
Copper			0.05 ppm	
Mercury			0.01ppm	
Nickel			0.05 ppm	
Lead			0.05 ppm	
Zinc			0.1 ppm	
Selenium			0.05 ppm	
Manganese			0.40 ppm	
Arsenic			0.05 ppm	
Cadmium			0.05 ppm	
Chromium			0.10 ppm	
pH (5 % soln)			5.0-9.2	
Typical grain size <1.0 mm (65%); d50: 0.8 mm				
Bulk Density 0.98g/cc				
Angle of Repose 32 deg				

Note: this is a mined chemical, it does not contain inerts (anticaking agent) 8 31 2011 : typical Boron content 7 ppm ***not for medicinal or pesticidal use***

***PLEASE READ SAFETY DATA SHEET PRIOR TO HANDLING THIS PRODUCT. ***
 *** FOR CHEMICAL EMERGENCY SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT, CALL ***
 *** CHEMTREC, 24 HOUR (800) 424-9300 or (703) 527-3887 ***

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