

Item: MNSGRJG50L42 Manganese Sulfate - Gran 31.5%, 50lb Paper Bag / 42 Bags per Pallet

Ref: PDS

PRODUCT DATA SHEET

Certificate Date: .NULL.

Expiration Date: .NULL.

MFG Batch or Lot: Assay not given on granular, National Standard on spec 6 15 2011, do not change, 2012 do not change

Shelf Life: 2 yrs

Synonyms: Manganous (II) Sulfate	Chemical Formula: MnSO4.H2O
Appearance: White to slightly pink - Granular	CAS Number: 10034-96-5
Country of Origin: China	Molecular Weight: 169.01
	Packaging: 50 lb paper 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
Assay (MnSO4.H2O)			
Manganese (Mn)	31.5%		
Moisture	0.05%		
Chloride	180 ppm		
Iron	30 ppm		
Lead	30 ppm		
Arsenic	30 ppm		
Cadmium	1-10 ppm		
Copper	30 ppm		
Nickel	20-400 ppm		
Cobalt	15 ppm		
Potassium	0.45%		
Mercury	0.3 ppm		
Chromium	5 ppm		
Aluminum	15 ppm		
Antimony	0.45 ppm		
Zinc	300 ppm		
Calcium	900 ppm		
Magnesium	300 ppm		
Water Insolubles	0.05%		

Particle Size: 2-4 mm (5 to 10 mesh) Bulk Density 2.95 g/cc Note: Does not contain inerts (Anticaking agent) ***Not for pesticidal or medicinal 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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