

Item: MNSMP32EG25K40 Manganese Sulfate - Prill 32%, 25kg Paper Bag / 40 Bags per Pallet

Ref: PDS **PRODUCT DATA SHEET**

Certificate Date: .NULL.

Expiration Date: .NULL.

MFG Batch or Lot:

Shelf Life: 1.0 yr

<b>Synonyms:</b>	Manganous (II) Sulfate no anticaking agent prill 1.18-4 mm dia	<b>Chemical Formula:</b>	MnSO4.H2O
<b>Appearance:</b>	*color may vary, see note below prill	<b>CAS Number:</b>	10034-96-5
<b>Country of Origin:</b>	Mexico	<b>Molecular Weight:</b>	169.01
		<b>Packaging:</b>	25 kg 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	98.34%	Min	98.4-99.0%	
Manganese sulfate	87.86%	Min	87.95%	
Manganese (S 19%)	32%	Min	32.0%	
SO4			58-59%	
Moisture	0.5%	Max	0.30%	
Insolubles in water	0.2-0.1%		0.10%	
pH	4.0-6.5			
Iron			75 ppm max	
Arsenic			0.5 ppm	
Lead			10 ppm	
Mercury			0.5 ppm	
Cadmium			5.0 ppm	
Chromium			15 ppm	
.				
Particle size: -20 +80			90%	
Bulk Density (loose), g/cc	1.35-1.60			

Note: No inerts (anticaking agent) added. \*Color may vary, including a combination of "white, cream, pink, or gray" Insolubles may be visible. Gray residue removable by filtration of water-based solution. Shelf life..... 1 year if stored dry a

\*\*\*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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