

Item: MNACWHSM25K36 Manganese Acetate Tetrahydrate, 25kg PW Bag / 36 Bags per Pallet

Ref: PDS **PRODUCT DATA SHEET**

Certificate Date: .NULL.

Expiration Date: .NULL.

MFG Batch or Lot:

Shelf Life: 2 yrs

| | | | |
|---------------------------|---|--------------------------|---|
| Synonyms: | Manganese Diacetate Tetrahydrate Manganese (II) Acetate Tetrahydrate | Chemical Formula: | Mn(CH ₃ COO) ₂ *4H ₂ O |
| Appearance: | light pink crystals tech grade | CAS Number: | 6156-78-1 |
| Country of Origin: | China | Molecular Weight: | 245.09 |
| | | Packaging: | 25 kg POLYWOVEN 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: | 99.0% | Min | |
| Mn | 22-23% | | |
| Cl | 0.002% | Max | |
| Fe | 0.001% | Max | |
| Insolubles !% Acetic Acid | 0.2% | Max | |
| Insoluble in water | 0.01% | Max | |
| SO ₄ | 0.02% | Max | |
| NO ₃ | 0.05% | Max | |
| Cu | 0.001% | Max | |
| Ni | 0.01% | Max | |
| Mg | 0.1% | Max | |
| Ca | 0.1% | Max | |
| Ash | 28-36% | | |
| Zinc | 0.01% | Max | |
| Particle Size | 30-80 mesh | | |
| Bulk Density | 0.751 g/cc | | |

not for pesticide 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 ***

THIS PRODUCT IS NOT TO BE USED IN VIOLATION OF ANY PATENTS. CHEM ONE LTD. DISCLAIMS ANY AND ALL WARRANTIES, EITHER EXPRESSED OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR APPLICATION. IN NO EVENT SHALL CHEM ONE LTD. OR ITS SUPPLIERS BE LIABLE FOR ANY DAMAGES WHATSOEVER INCLUDING DIRECT, INDIRECT, INCIDENTAL, CONSEQUENTIAL, LOSS OF BUSINESS PROFITS OR SPECIAL DAMAGES, EVEN IF CHEM ONE LTD. OR ITS SUPPLIERS HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. SOME STATES DO NOT ALLOW THE EXCLUSION OF LIMITATION OF LIABILITY FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES SO THE FOREGOING LIMITATION MAY NOT APPLY