

P R O D U C T   D A T A   B U L L E T I N

# Granusol® Manganese 35% Mn

Dispersing Granular Manganese Sulfate

*Dispersing, coarse granular, -6 + 16, -10 + 20, or -14 + 35 mesh manganese sulfate, providing quickly and agronomically available manganese for use in dry-mixed, bulk-blended fertilizer.*

## Advantages



- All reduced, divalent, agronomically available Mn
- Granules disperse into -325 mesh (44 micron) particles upon contact with water or soil moisture
- Fast and efficient plant availability
- Granule size matches major nutrients for reduced segregation
- High granule population of micronutrients per ton of mixed goods.
- Moderate concentration for agronomic efficiency
- Color coded bags for easy identification

## Specifications

Chemical:		
Divalent Elemental Mn	.....	35.0%
Physical		
Dispersing Granules,		
95% -6 +16 Mesh		
95% -10 +20 Mesh		
Bulk Density	Loose	Tapped
lbs./cu. ft.	107.50	108.73

## Typical Analysis

Chemical:	
<b>Constituent</b>	<b>Wt.%</b>
Divalent Elemental Mn	37.89
Elemental Fe	4.43
Elemental Zn	0.34
MgO	0.38
CaO	11.64
P <sub>2</sub> O <sub>5</sub>	0.13
Sulfate as SO <sub>3</sub>	0.83
	ppm
Elemental Cu	.50
Elemental Pb	.111
Elemental As	N/D
Elemental Cd	.2
Elemental Hg	.4

American Minerals Inc.  
 P.O. Box 2005, Dunedin, FL 34697-2005  
 Tel: (813) 734-3284, Fax: (813) 733-0503

---

**Typical Analysis Continued****Physical:**

<b>Mesh Size, -6 +16</b>		<b>Wt. %</b>
+6 .....		2.0
-6 +10 .....		71.2
-10 +16 .....		25.3
-16 .....		1.5
<b>Mesh Size, -10 +20</b>		<b>Wt. %</b>
+10 .....		0.9
-10 +20 .....		95.0
-20 .....		4.1
<b>Mesh Size, -14 +35</b>		<b>Wt. %</b>
+14 .....		3.0
-14 + 20 .....		70.2
-20 +35 .....		24.6
-35 .....		2.2

---

**Packaging**

<b>Bulk:</b>	Rail covered Hopper Car Rail Box Car Dump Truck Pneumatic Trailer
<b>Bags:</b>	Multiwall Paper, Valve Type, with Polyethylene Coated Liner, 50-lbs. Net; Attractive Green and White Retail Package; Palletized and Shrinkwrapped, 50 Bags/pallet.
<b>Super Sacks:</b>	Returnable or Non-returnable; Containing Approximately 2000 lbs. Net or 3000 lbs. Net.

---

**Production and  
Shipping Points**

Rosiclare, Illinois

**Notice:** The information, findings and recommendations set forth herein concerning the performance or use of the products or techniques herein described are based on technical data, information, research and general experience that American Minerals believes to be accurate and reliable. We do not guarantee accuracy or the results to be obtained in any particular application. It is understood that you will rely on your own tests to determine the suitability of such techniques or products for your own particular purpose. Since conditions of use are outside our control, we make no warranties, expressed or implied, and assume no liability in connection with any use of our product of this information.

Where registration of Seller's product is necessary in any state or province, responsibility for such registration rests solely with Buyer.