

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

## Granusol® Magnesium 45% Mg

Dispersing Granular Magnesium Sulfate

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

### Advantages

**GRANUSOL**

Highly available magnesium

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

Faster acting, longer lasting than dolomite

### Specifications

Chemical:  
Elemental Mg.....45.0%

Physical  
Dispersing Granules,  
95% -6 +16 Mesh  
95% -10 +20 Mesh

### Typical Analysis

Chemical:		Wt. %
Constituent		
Elemental Mg	.....	45.00
CaO	.....	2.29
SiO <sub>2</sub>	.....	4.59
Fe <sub>2</sub> O <sub>3</sub>	.....	2.75
Al <sub>2</sub> O <sub>3</sub>	.....	0.91
SO <sub>3</sub>	.....	0.24
Ni	.....	0.27
Cl	.....	0.001
Na	.....	0.019
Chemical		ppm
Constituent		
As	.....	<.40
Pb	.....	.22
F	.....	<.50

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

---

**Typical Analysis Continued.**

Cd	<4.0
Cu	11.0
Mo	<10.0
Cr	7.0
Ba	<10.0
V	<18.0
Hg	<0.20
Zn, Sn, Se	Nil

**Physical:**

	Mesh Size, -6 +16	Wt.%
+6	.....	2.0
-6 +10	.....	71.2
-10 +16	.....	25.3
-16	.....	1.5

  

	Mesh Size, -10 +20	Wt.%
+10	.....	0.9
-10 +20	.....	95.0
-20	.....	4.1

  

	Mesh Size, -14 +35	Wt.%
+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>	Multwall Paper, Valve Type, with Polyethylene Coated Liner, 50 lbs. Net; Attractive Brown 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.

Granuscol® is a brandname and registered trademark of American Minerals, Inc. U.S. Patent #5,487,772.