



300 Barr Harbor Drive  
Suite 250  
W. Conshohocken, PA 19428  
Tel: (610) 828-6929 • (800) 227-4287

## Product Data MAGOX® Feed Grade

MAGOX® Feed Grade magnesium oxide (MgO) is produced from natural magnesite ore at Gabbs, Nevada. It is biologically available and has a moderately high and consistent rate of reactivity. It is recommended for mineral premixes, feed supplements and other applications for livestock and poultry.

NAME	STATUS UNDER FEED ADDITIVE AMENDMENT		IFN
<b>Magnesium Oxide</b>	<b>G R A S</b>		<b>6-02-756</b>
<b>CHEMICAL ANALYSIS</b>			
	Typical	Maximum	Minimum
(As-Is Basis)			
LOI (1000°C)	3.0	5.0	
(Loss-Free Basis)			
MgO	91.0		89.5
Mg	54.9		54.0
CaO	3.2		
<b>PHYSICAL PROPERTIES</b>			
<b>BULK DENSITY (lb/ft<sup>3</sup>):</b>			
Loose (Approximate)	60		
<b>SCREEN ANALYSIS, wt% (U.S.A. Series)</b>			
+ 6 mesh		0.0	
+ 12 mesh	1.3	5.0	
- 12+ 20 mesh	6.0		
- 20+ 40 mesh	8.0		
- 40+ 70 mesh	15.0		
- 70+100 mesh	8.0		
-100 mesh	61.7	79.0	
<b>Acid Solubility (TP-62):</b>	98-99% of the contained Mg is soluble in 0.4% HCl.		

### **PACKAGING AND STORAGE:**

Available in bulk or multiwall polyethylene lined 50 pound bags. Because magnesium oxide is hygroscopic, it should be protected from the atmosphere. Material should be used within six months.

MC-FPS-605  
MAS: 1/15/99

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