



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 |
|---|--|---------|-----------------|
| Magnesium Oxide | G R A S | | 6-02-756 |
| CHEMICAL ANALYSIS | | | |
| | 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 | | |
| PHYSICAL PROPERTIES | | | |
| BULK DENSITY (lb/ft³): | | | |
| Loose (Approximate) | 60 | | |
| SCREEN ANALYSIS, wt% (U.S.A. Series) | | | |
| + 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 | |
| Acid Solubility (TP-62): | 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: 12-3-15

Magox is a registered trademark of Premier Magnesia, LLC

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