



Marinco[®] FCC Specialty Food Grade Magnesium Oxide

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| DESCRIPTION | Marinco FCC is a high purity, food grade magnesium oxide made from magnesium-rich brine and dolomitic lime at our Manistee, Michigan plant. | | | | |
| USES | Marinco FCC magnesium oxide is often used as a food additive for powder mix desiccant (drying agent), color retention, pH modification or as a magnesium supplement. In addition, Marinco FCC magnesium oxide keeps powdered foods, such as powder drink mixes, free-flowing as it acts as an anti-caking agent. | | | | |
| PROPERTIES | JECFA | | FCC 9th Edition | | |
| | Lower Specification | Upper Specification | Lower Specification | Upper Specification | |
| | Identification, Pass/Fail | Fail | Pass | Fail | Pass |
| | Assay, % MgO | 96.0 | greater than | 96.0 | 100.5 |
| | Loss on Ignition, % | less than | 5.0 | less than | 10.0 |
| | CaO, % | less than | 1.5 | less than | 1.5 |
| | Acid Insolubles, % | | | less than | 0.1 |
| | Free Alkalis & Soluble Salts, mg | less than | 10.0 | less than | 10.0 |
| | Lead, mg/kg | less than | 2.0 | less than | 4.0 |
| | Arsenic, mg/kg | | | less than | 3.0 |
| | Tested in accordance with the FCC 9th Edition or JECFA. | | | | |
| PACKAGING | Martin Marietta Magnesia Specialties packages this product in 50 pound bags. Please contact a sales representative for information on detailed packaging offerings and specifications. | | | | |
| STORAGE | Marinco FCC MgO will readily absorb moisture and carbon dioxide if left exposed to air. Store in a dry location. Reseal opened bags. The shelf life of unopened bags stored in a dry location is 12 months from the date of manufacture. | | | | |

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