



Marinco[®] FCC Specialty Food Grade Magnesium Oxide

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 8th Edition	
	Lower Specification	Upper Specification	Lower Specification	Upper Specification
	Identification, Pass/Fail	Fail	Pass	Pass
	Assay, % MgO	96.0	greater than	96.0
	Loss on Ignition, %	less than	5.0	less than
	CaO, %	less than	1.5	less than
	Acid Insolubles, %		less than	0.1
	Free Alkalis & Soluble Salts, mg	less than	10.0	less than
	Lead, mg/kg	less than	2.0	less than
	Arsenic, mg/kg		less than	3.0
	Tested in accordance with the FCC 8th 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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QUALITY SYSTEM
ISO 9001 CERTIFIED