



American International Chemical, Inc.

Corporate Offices: (800) 238-0001

Internet: www.aicma.com Email: info@aicma.com

SPECIFICATION SHEET

MAGNESIUM OXIDE HEAVY POWDER FCC

| Code No. | SCN No. | CAS No. | Effective Date | Product Manager | Rev. No. | Approved By |
|----------|---------|-----------|------------------|-----------------|----------|-------------|
| MGOPUP | 2830 | 1309-48-4 | January 20, 2012 | NSG | No. 6 | CDS |

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| CHARACTERISTICS: | A heavy fine white to slightly pink powder that is practically insoluble in alcohol, with a bulk density between 0.4 and 0.6 g/cc. It is a nominal 325 mesh powder. |
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| SPECIFICATIONS: | Assay | 96.0-100.5% |
| | Identification | To pass test |
| | Acid insolubles | 0.1% max |
| | Free alkalies-soluble salts | Not more than 10 mg of residue |
| | Lead | 4 ppm max |
| | Loss on ignition | 10% max |
| | Calcium oxide | 1.5% max |
| | Arsenic | 3 ppm max |
| | Caustic magnesia activity (secs) | Report value |

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| PACKAGING: | 50 lb multiwall, polyethylene lined paper bags, 40 bags per pallet |
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| APPLICATIONS: | Used in food as an alkali, neutralizer and mineral supplement. |
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| OTHER: | Kosher: KOF-K Multiply the assay by 0.6032 to get the Magnesium % in the product. |
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