



American International Chemical, Inc.

Corporate Offices: (800) 238-0001

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

SPECIFICATION SHEET

MAGNESIUM CITRATE USP POWDER

| Code No. | SCN No. | CAS No. | Effective Date | Product Manager | Rev. No. | Approved By |
|----------|---------|-----------|----------------|-----------------|----------|-------------|
| MGCGIP | 2998 | 3344-18-1 | April 27, 2011 | JP | No. 1 | CDS |

| | |
|-------------------------|---|
| CHARACTERISTICS: | Odorless, white powder in the tribasic hydrated form. |
|-------------------------|---|

| SPECIFICATIONS: | Identification | |
|-------------------|--------------------|--------------|
| | A | To pass test |
| | B | To pass test |
| | Magnesium content | |
| | Dried basis (USP) | 14.5-16.4% |
| | Hydrous (as is) | 10.3% min |
| | Loss on drying | 2-29% |
| | Chloride | 0.05% max |
| | Sulfate | 0.2% max |
| | Arsenic | 3 ppm max |
| | Heavy metals | 50 ppm max |
| | Lead | 1 ppm max |
| | Iron | 200 ppm max |
| | pH | 5.0-9.0 |
| | Limit of calcium | 1% max |
| Residual solvents | Meets requirements | |

| | |
|------------------|------------------------------|
| STOCKING: | Carson, CA ; Farmingdale, NJ |
|------------------|------------------------------|

| | |
|-------------------|--|
| PACKAGING: | Various packaging combinations are available depending upon customer requirements. Standard packaging is 25 kg fiber drums with inner HMHDPE liners. |
|-------------------|--|

| | |
|----------------------|--------------------|
| APPLICATIONS: | Dietary supplement |
|----------------------|--------------------|

| | |
|--------------------------------------|---|
| SPECIAL STORAGE INSTRUCTIONS: | Store in well closed container in dry location at ambient room temperature (~ 20°C) |
|--------------------------------------|---|

| | |
|---------------|--|
| OTHER: | The manufacturing site is ISO 9000-2004, ISO 14000-2006, WHO cGMP, HACCP, Kosher, Halal certified and has achieved a COS issued by the EDQM. It is certified by NQA to the requirement of HACCP under the Codex Alimentarius. It is a member of the Global Alliance for Improved Nutrition (GAIN), and supports the UNGC, which encourages businesses worldwide to adopt sustainable and socially responsible policies. Global Calcium's plant is self powered by wind energy generating 100% of their energy needs. |
|---------------|--|

| | |
|--------------------|--|
| SHELF LIFE: | Material should be re-tested against certificate of analysis three years from date of manufacture. |
|--------------------|--|