



American International Chemical, Inc.

Corporate Offices: (800) 238-0001

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

SPECIFICATION SHEET

MAGNESIUM TRISILICATE USP

| Code No. | SCN No. | CAS No. | Effective Date | Product Manager | Rev. No. | Approved |
|----------|---------|------------|----------------|-----------------|----------|----------|
| MTSIKP | 2160 | 39365-87-2 | April 15, 2011 | DGC | No. 1 | CDS |

| | |
|-------------------------|--|
| CHARACTERISTICS: | Fine, white, odorless powder, free of grit |
|-------------------------|--|

| | | |
|------------------------|-------------------------|----------------|
| SPECIFICATIONS: | Assay | |
| | Magnesium Oxide | 20.0 % min |
| | Silicon dioxide | 45.0 % min |
| | Identification | |
| | Magnesium | To pass test |
| | Silica | To pass test |
| | Water | 17.0-34.0% |
| | Soluble salts | 1.5% max |
| | Chloride | 0.055 % max |
| | Sulfate | 0.5 % max |
| | Free alkali | To pass test |
| | Arsenic | 8 ppm max |
| | Heavy metals | 30 ppm max |
| | Acid consuming capacity | 140-160 ml max |

| | |
|-------------------|---|
| PACKAGING: | 20 kg multiwall, polyethylene lined paper bag, other packaging options available. |
|-------------------|---|

| | |
|----------------------|--|
| APPLICATIONS: | Used in oral pharmaceutical formulations and food products as a glidant. Also extensively used therapeutically as an antacid. |
|----------------------|--|

| | |
|------------------------------|---|
| STORAGE INSTRUCTIONS: | Stable, if stored in a well-closed container in a cool, dry, place. |
|------------------------------|---|