



# American International Chemical, Inc.

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## SPECIFICATION SHEET

### CALCIUM CAPRYLATE MONOHYDRATE

| Code No. | SCN No. | CAS No.   | Effective Date    | Product Manager | Rev. No. | Approved |
|----------|---------|-----------|-------------------|-----------------|----------|----------|
| CCAAUP   | 1450    | 6107-56-8 | February 26, 2010 | SDM             | No. 2    | CDS      |

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|-------------------------|--|
| <b>CHARACTERISTICS:</b> | White to off white powder with distinct soapy smell. Soluble in water with extended agitation time, but cloudy micelles form at high concentrations. |
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|---------------------------|--------------------------------|
| <b>MOLECULAR FORMULA:</b> | $C_{16}H_{30}O_4Ca \cdot H_2O$ |
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|--------------------------|--------|
| <b>MOLECULAR WEIGHT:</b> | 344.51 |
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|                        |                       |                |
|------------------------|-----------------------|----------------|
| <b>SPECIFICATIONS:</b> | Assay                 |                |
|                        | Calcium content       | 10.4-12.8%     |
|                        | Caprylic acid content | 75.3-92.1%     |
|                        | Cadmium               | 5 ppm max      |
|                        | Arsenic               | 3 ppm max      |
|                        | Lead                  | 10 ppm max     |
|                        | Mercury               | 1 ppm max      |
|                        | Total plate count     | 3000 cfu/g max |
|                        | Yeast and mold        | 300 cfu/g max  |
|                        | Salmonella            | Negative/25 g  |
| Escherichia coli       | Negative/g            |                |

|                         |                    |
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| <b>STOCKING POINTS:</b> | Salt Lake City, UT |
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|                   |                                      |
|-------------------|--------------------------------------|
| <b>PACKAGING:</b> | 15 kg cartons, 27 cartons per pallet |
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| <b>APPLICATIONS:</b> | Nutritional food supplements as a source for calcium and caprylic acid. |
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