



# American International Chemical, Inc.

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## SPECIFICATION SHEET

### SODIUM STEARATE NF VEGETABLE

| Code No. | SCN No. | CAS No.  | Effective Date | Product Manager | Rev. No. | Approved By |
|----------|---------|----------|----------------|-----------------|----------|-------------|
| NASFIP   | 1878    | 822-16-2 | June 19, 2008  | TJK             | No. 2    | MPR         |

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|-------------------------|--|
| <b>CHARACTERISTICS:</b> | White powder made from vegetable stearic acid. This material meets all specifications of NF as stated below. |
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|------------------------|--------------------------------------|--------------------|
| <b>SPECIFICATIONS:</b> | Assay                                |                    |
|                        | Sodium stearate                      | 40% min            |
|                        | Sodium stearate and sodium palmitate | 90% min            |
|                        | Identification                       |                    |
|                        | A                                    | To pass test       |
|                        | B (solidification)                   | 54°C min           |
|                        | Acid value of fatty acids            | 196-211            |
|                        | Iodine value of fatty acids          | 4.0 max            |
|                        | Stearic acid acidity                 | 0.28-1.20%         |
|                        | Loss on drying                       | 5.0% max           |
|                        | Alcohol insoluble substances         | To pass test       |
|                        | Organic volatile impurities          | Meets requirements |
|                        | Residual solvents                    | Meets requirements |

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| <b>STOCKING POINTS:</b> | Bridgeview, IL |
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| <b>PACKAGING:</b> | 15 kg multiwall paper bag. 42 bags per pallet, shrink-wrapped and palletized |
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| <b>APPLICATIONS:</b> | Waterproofing and gelling agent; toothpaste and cosmetics (stick deodorants); stabilizer in food contact plastics. |
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