



# American International Chemical, Inc.

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## SPECIFICATION SHEET

### C12-15 ALKYL BENZOATE (Lincol BAS)

| Code No. | SCN No. | CAS No.    | Effective Date | Product Manager | Written | Rev. No. | Approved |
|----------|---------|------------|----------------|-----------------|---------|----------|----------|
| C12EIL   | 1860    | 68411-27-8 | August 3, 2005 | HHK             | HHK     | No. 1    | TJK      |

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| <b>CHARACTERISTICS:</b> | Synthetic ester. It is a clear, colorless or light yellow liquid with characteristic mild odor. |
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|------------------------|-----------------------------------|------------|
| <b>SPECIFICATIONS:</b> | Color (APHA)                      | 50 max.    |
|                        | Acid value (Mg. KOH /g)           | 0.20 max.  |
|                        | Saponification value (Mg. KOH /g) | 170-180    |
|                        | Hydroxyl value (Mg KOH /g)        | 8 max.     |
|                        | Water                             | 0.30% max. |
|                        | Chromatographic purity (GLC)      |            |
|                        | C-12                              | 18-25%     |
|                        | C-13                              | 26-34%     |
|                        | C-14                              | 26-35%     |
|                        | C-15                              | 15-21%     |

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| <b>STOCKING POINTS:</b> | Carson, CA |
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| <b>PACKAGING:</b> | 180 kg steel drum |
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| <b>APPLICATIONS:</b> | <p>Used in a wide range of personal care applications as emollient, dispersing aid, solubilizer, and lubricant.</p> <ul style="list-style-type: none"><li>• Excellent dispersing agent for titanium dioxide, zinc oxide, and other pigments in creams and lotions, including sunscreens. Also used to suspend zirconium and aluminium salts in antiperspirants.</li><li>• Emollient for bath oil, body oil, creams, and lotions. It avoids the oily feeling, which is typically produced by mineral oil and isopropyl myristate.</li><li>• Solubilizer for perfumes</li></ul> |
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| <b>OTHER:</b> | Shelf life is 36 months from date of manufacture. Store in, tightly closed, containers, protected from the heat. |
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