

# Chem-Impex International, Inc.

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## Product Specifications

|                          |   |
|--------------------------|---|
| <b>Catalogue Number</b>  | 39371   |
| <b>Product</b>           | <b>Thiobencarb</b><br>Benthiocarb<br><i>S</i> -(4-Chlorobenzyl) diethylcarbamothioate |
| <b>CAS Number</b>        | 28249-77-6  |
| <b>Molecular Formula</b> | C <sub>12</sub> H <sub>16</sub> ClNOS   |
| <b>Molecular Weight</b>  | 257.78  |

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|--------------------------|---|
| <b>Warnings</b>          | <i>Air sensitive! Store under inert gas!</i>              |
| <b>Synonym 3</b>         | Diethylthiocarbamic acid <i>S</i> -(4-Chlorobenzyl) ester |
| <b>Appearance</b>        | Colorless, red or green clear liquid                      |
| <b>Solubility</b>        | Soluble in acetone, toluene, dichloromethane, methanol    |
| <b>Melting Point</b>     | 3 °C  |
| <b>Boiling point</b>     | 131 °C / 0.1 mmHg   |
| <b>Flash Point</b>       | 166 °C  |
| <b>Density</b>           | 1.17 g/mL   |
| <b>Refractive Index</b>  | $n_{20D} = 1.56$  |
| <b><sup>1</sup>H NMR</b> | Conforms to structure                                     |
| <b>Purity by GC</b>      | ≥ 97%   |
| <b>Purity</b>            | ≥ 97% (with total Nitrogen)                               |
| <b>Storage</b>           | Store at RT   |

**For Laboratory Use Only**