

# *Chem-Impex International, Inc.*

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## *Product Specifications*

|                          |   |
|--------------------------|---|
| <b>Catalogue Number</b>  | 46046   |
| <b>Product</b>           | <b>4-(Trifluoromethyl)benzonitrile</b><br>4-Cyanobenzotrifluoride<br>$\alpha,\alpha,\alpha$ -Trifluoro- <i>p</i> -tolunitrile |
| <b>CAS Number</b>        | 455-18-5  |
| <b>Molecular Formula</b> | C <sub>8</sub> H <sub>4</sub> F <sub>3</sub> N  |
| <b>Molecular Weight</b>  | 171.12  |

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|--------------------------|---|
| <b>Appearance</b>        | White or colorless to light yellow powder to lump to clear liquid |
| <b>Solubility</b>        | Insoluble in water  |
| <b>Melting Point</b>     | 37 °C   |
| <b>Boiling point</b>     | 81 °C/20 mmHg   |
| <b>Flash Point</b>       | 72 °C   |
| <b>Density</b>           | 1.27  |
| <b>Infrared Spectrum</b> | Conforms to structure   |
| <b><sup>1</sup>H NMR</b> | Conforms to structure   |
| <b>Purity by GC</b>      | ≥ 98%   |
| <b>Storage</b>           | Store at 2 - 8 °C   |

**For Laboratory Use Only**