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## Typical Product Specifications & Properties

# 2-Chloro-4-nitroaniline

CAS Number: : 121-87-9

| Specifications               | Limits                                             |
|------------------------------|----------------------------------------------------|
| Molecular weight             | 172.57                                             |
| EINECS                       | 204-502-2                                          |
| InChI                        | 1S/C6H5ClN2O2/c7-5-3-4(9(10)11)1-2-6(5)8/h1-3H,8H2 |
| InChIKey                     | LOCWBQIWHWIRGN-UHFFFAOYSA-N                        |
| Henry's Law Constant         | 9.54E-09 atm-m3/mole                               |
| Melting Point                | 108 &deg; C                                        |
| log P (octanol-water)        | 2.120                                              |
| Atmospheric OH Rate Constant | 3.93E-12 cm3/molecule-sec                          |
| Water solubility             | 933 mg/L                                           |
| Vapor Pressure               | 4.85E-04 mm Hg                                     |
| pKa Dissociation Constant    | -0.94                                              |
| Flash Point                  | 205 &deg;C                                         |



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| Specifications      | Limits                                                                         |
|---------------------|--------------------------------------------------------------------------------|
| Boiling Point       | 320?                                                                           |
| BRN Number          | 638657                                                                         |
| Stability           | Stable. Incompatible with strong oxidizing agents, strong bases, strong acids. |
| Melting Point       | 107 &deg;C                                                                     |
| Water solubility    | 0.23 g/L (20 °C)                                                               |
| Boiling Point       | 320?                                                                           |
| Solubility          | 0.23g/l                                                                        |
| Storage Temperature | Store below +30&deg;C.                                                         |
| Boiling Point       | 320?                                                                           |
| Boiling Point       | 320?                                                                           |
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