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## Typical Product Specifications & Properties

# 1-Methylimidazole

CAS Number: : 616-47-7

| Specifications      | Limits                                                                                                                                       |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Molecular weight    | 82.10                                                                                                                                        |
| EINECS              | 210-484-7                                                                                                                                    |
| SMILES              | Cn1ccnc1                                                                                                                                     |
| InChI               | 1S/C4H6N2/c1-6-3-2-5-4-6/h2-4H,1H3                                                                                                           |
| InChIKey            | MCTWTZJPVLRJOU-UHFFFAOYSA-N                                                                                                                  |
| BRN Number          | 105197                                                                                                                                       |
| Melting Point       | -60 &deg;C                                                                                                                                   |
| Stability           | Stable, but moisture sensitive. Incompatible with acids, acid anhydrides, strong oxidizing agents, moisture, carbon dioxide, acid chlorides. |
| Boiling Point       | 198 &deg;C                                                                                                                                   |
| Storage Temperature | Store at room temperature.                                                                                                                   |
| Sensitive           | Hygroscopic                                                                                                                                  |
| Density             | 1.03 g/mL at 25 &deg;C                                                                                                                       |



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| Specifications   | Limits                 |
|------------------|------------------------|
| Flash Point      | 198 &deg;F             |
| Vapor Pressure   | 0.4 mm Hg ( 20 &deg;C) |
| Refractive Index | 1.495                  |



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