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## Typical Product Specifications & Properties

# 1,2-Diaminopropane

CAS Number: : 10424-38-1

| Specifications               | Limits                                 |
|------------------------------|----------------------------------------|
| Molecular weight             | 74.12                                  |
| SMILES                       | <chem>C([C@@H](C)N)N</chem>            |
| InChI                        | 1S/C3H10N2/c1-3(5)2-4/h3H,2,4-5H2,1H3  |
| InChIKey                     | AOHJOMMDDJHIJH-UHFFFAOYSA-N            |
| Vapor Pressure               | 10.6 mm Hg                             |
| Atmospheric OH Rate Constant | 7.50E-11 cm <sup>3</sup> /molecule-sec |
| Henry's Law Constant         | 1.37E-09 atm-m <sup>3</sup> /mole      |
| Melting Point                | < 25 °C                                |
| log P (octanol-water)        | -1.200                                 |
| Boiling Point                | 119.5 °C                               |
| pKa Dissociation Constant    | 9.97                                   |
| Water solubility             | 1.00E+06 mg/L                          |



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