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## Typical Product Specifications & Properties

# 4-Vinylcyclohexene

CAS Number: : 100-40-3

| Specifications               | Limits                                      |
|------------------------------|---------------------------------------------|
| Molecular weight             | 108.18                                      |
| EINECS                       | 202-848-9                                   |
| InChI                        | 1S/C8H12/c1-2-8-6-4-3-5-7-8/h2-4,8H,1,5-7H2 |
| InChIKey                     | BBDKZ WKEPDTENS-UHFFFAOYSA-N                |
| Henry's Law Constant         | 0.045 atm-m <sup>3</sup> /mole              |
| Melting Point                | -1.09E+02 &deg; C                           |
| log P (octanol-water)        | 3.93                                        |
| Boiling Point                | 128 &deg; C                                 |
| Vapor Pressure               | 15.7 mm Hg                                  |
| Water solubility             | 50 mg/L                                     |
| Atmospheric OH Rate Constant | 8.93E-11 cm <sup>3</sup> /molecule-sec      |
| Melting Point                | -101 &deg;C                                 |



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| Specifications      | Limits                  |
|---------------------|-------------------------|
| Density             | 0.832 g/mL at 25 &deg;C |
| Storage Temperature | 2-8&deg;C               |
| Boiling Point       | 126-127 &deg;C          |
| Vapor Pressure      | 10.2 mm Hg ( 25 &deg;C) |
| Vapor Density       | 3.76                    |
| Refractive Index    | 1.463                   |
| Flash Point         | 68 &deg;F               |



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