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## Typical Product Specifications & Properties

# 4-Nonylphenol

CAS Number: : 84852-15-3

| Specifications            | Limits                                  |
|---------------------------|---|
| Molecular weight          | 220.35                                  |
| EINECS                    | 203-199-4                               |
| SMILES                    | <chem>c1(ccc(*)cc1)O</chem>             |
| Form                      | Viscous Liquid                          |
| Boiling Point             | 293 &deg;C                              |
| Density                   | 0.937 g/mL at 25 &deg;C                 |
| Refractive Index          | 1.511                                   |
| Solubility                | water: slightly soluble 4.9mg/L±0.4mg/L |
| Storage Temperature       | ?20&deg;C                               |
| Flash Point               | 150&deg;C                               |
| Color                     | Clear                                   |
| pKa Dissociation Constant | 11.06                                   |



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| Specifications               | Limits                                 |
|------------------------------|--|
| Vapor Pressure               | 9.42E-05 mm Hg                         |
| Atmospheric OH Rate Constant | 5.17E-11 cm <sup>3</sup> /molecule-sec |
| Water solubility             | 5000 mg/L                              |
| log P (octanol-water)        | 5.920                                  |
| Boiling Point                | 295 &deg; C                            |
| Henry's Law Constant         | 4.30E-06 atm-m <sup>3</sup> /mole      |



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