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## Typical Product Specifications & Properties

# Terephthalaldehyde

CAS Number: : 623-27-8

| Specifications               | Limits                                  |
|------------------------------|-----------------------------------------|
| Molecular weight             | 134.13                                  |
| SMILES                       | <chem>c1cc(ccc1C=O)C=O</chem>           |
| InChI                        | 1S/C8H6O2/c9-5-7-1-2-8(6-10)4-3-7/h1-6H |
| InChIKey                     | KUCOHFSKRZZVRO-UHFFFAOYSA-N             |
| Boiling Point                | 246 &deg; C                             |
| Atmospheric OH Rate Constant | 3.41E-11 cm <sup>3</sup> /molecule-sec  |
| Water solubility             | 200 mg/L                                |
| Melting Point                | 117 &deg; C                             |
| log P (octanol-water)        | 1.430                                   |



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