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## Typical Product Specifications & Properties

# Methoxyacetone

CAS Number: : 5878-19-3

| Specifications      | Limits                            |
|---------------------|-----------------------------------|
| Molecular weight    | 88.11                             |
| EINECS              | 227-549-0                         |
| SMILES              | <chem>C(C(C)=O)OC</chem>          |
| InChI               | 1S/C4H8O2/c1-4(5)3-6-2/h3H2,1-2H3 |
| InChIKey            | CUZLJOLBIRPEFB-UHFFFAOYSA-N       |
| Water solubility    | miscible                          |
| Flash Point         | 77 &deg;F                         |
| Storage Temperature | Flammables area                   |
| Melting Point       | 78C                               |
| Boiling Point       | 118 &deg;C                        |
| Density             | 0.957 g/mL at 25 &deg;C           |
| Refractive Index    | 1.397                             |



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| Specifications               | Limits                                 |
|------------------------------|----------------------------------------|
| log P (octanol-water)        | -0.500                                 |
| Vapor Pressure               | 50.9 mm Hg                             |
| Water solubility             | 3.37E+05 mg/L                          |
| Boiling Point                | 116 &deg; C                            |
| Atmospheric OH Rate Constant | 6.77E-12 cm <sup>3</sup> /molecule-sec |
| Henry's Law Constant         | 4.11E-06 atm-m <sup>3</sup> /mole      |
| Form                         | Liquid                                 |
| Color                        | Clear pale yellow to yellow            |



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