

## Typical Product Specifications & Properties

# 1-(2-Hydroxyethyl)Pyrrolidin-2-One

CAS Number: : 3445-11-2

| Specifications               | Limits                                     |
|------------------------------|--|
| Molecular weight             | 129.16                                     |
| EINECS                       | 222-359-4                                  |
| SMILES                       | <chem>O=C1N(CCC1)CCO</chem>                |
| InChI                        | 1S/C6H11NO2/c8-5-4-7-3-1-2-6(7)9/h8H,1-5H2 |
| InChIKey                     | WDQFELCEOPFLCZ-UHFFFAOYSA-N                |
| Boiling Point                | 295 &deg; C                                |
| Atmospheric OH Rate Constant | 3.03E-11 cm <sup>3</sup> /molecule-sec     |
| Melting Point                | 20 &deg; C                                 |
| log P (octanol-water)        | -1.080                                     |
| Density                      | 1.143 g/mL at 25 &deg;C                    |
| Boiling Point                | 140-142 &deg;C/3 mm Hg                     |
| Melting Point                | 19-21&deg;C                                |

| Specifications   | Limits  |
|------------------|---|
| Flash Point      | >230 °F   |
| Stability        | Stable. Incompatible with strong oxidizing agents |
| Refractive Index | 1.496   |