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## Typical Product Specifications & Properties

# Alachlor

CAS Number: : 15972-60-8

| Specifications               | Limits                                                                                 |
|------------------------------|----------------------------------------------------------------------------------------|
| Molecular weight             | 269.77                                                                                 |
| SMILES                       | <chem>c1(N(C(CCI)=O)COC)c(CC)cccc1CC</chem>                                            |
| InChI                        | 1S/C14H20ClNO2/c1-4-11-7-6-8-12(5-2)14(11)16(10-18-3)13(17)9-15/h6-8H,4-5,9-10H2,1-3H3 |
| InChIKey                     | XCSGPAVHZ FQHGE-UHFFFAOYSA-N                                                           |
| log P (octanol-water)        | 3.52                                                                                   |
| Melting Point                | 40 &deg; C                                                                             |
| Water solubility             | 240 mg/L                                                                               |
| Atmospheric OH Rate Constant | 1.85E-10 cm <sup>3</sup> /molecule-sec                                                 |
| Henry's Law Constant         | 8.32E-09 atm-m <sup>3</sup> /mole                                                      |



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