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415 Huguenot Street, New Rochelle, NY 10801

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Typical Product Specifications & Properties

[2,4-Dinitrodiphenylamine](#)

CAS Number: : 961-68-2

| Specifications | Limits |
|------------------------------|--|
| Molecular weight | 259.22 |
| EINECS | 213-508-4 |
| SMILES | <chem>c1(cc([N+](=O)[O-])cc1)[N+](=O)[O-]Nc1ccccc1</chem> |
| InChI | 1S/C12H9N3O4/c16-14(17)10-6-7-11(12(8-10)15(18)19)13-9-4-2-1-3-5-9/h1-8,13H |
| InChIKey | RHTVQEPJVKUMPI-UHFFFAOYSA-N |
| Melting Point | 159 ° C |
| log P (octanol-water) | 3.500 |
| Water solubility | 38 mg/L |
| Henry's Law Constant | 7.75E-10 atm-m3/mole |
| Atmospheric OH Rate Constant | 1.49E-10 cm3/molecule-sec |
| Stability | Stable. Incompatible with strong bases, strong acids, strong oxidizing agents. |
| Melting Point | 159-161 °C |



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Specifications Limits

Solubility acetone: soluble 25mg/mL, clear, orange to red