

Typical Product Specifications & Properties

Acetic acid, 1,1'-anhydride

CAS Number: : 108-24-7

| Specifications | Limits |
|------------------------------|--|
| Boiling Point | 139.5 ° C |
| Vapor Pressure | 5.1 mm Hg |
| Henry's Law Constant | 5.71E-06 atm-m ³ /mole |
| Atmospheric OH Rate Constant | 8.43E-14 cm ³ /molecule-sec |
| Melting Point | -7.30E+01 ° C |
| log P (octanol-water) | -0.580 |
| Water solubility | 1.20E+05 mg/L |
| Boiling Point | 140 °C |
| Flash Point | 130 °F |
| Melting Point | -73.1 °C |
| Merck | 14&56 |
| Water solubility | REACTS |

| Specifications | Limits |
|---------------------|--|
| Sensitive | Moisture Sensitive |
| Vapor Density | 3.5 |
| Stability | Stability Flammable. Incompatible with strong oxidizing agents& water& strong bases& alcohols. |
| BRN Number | 385737 |
| Vapor Pressure | 10 mm Hg (36 °C) |
| Density | 1.087 |
| Solubility | Miscible with ether& chloroform and benzene. |
| Storage Temperature | Store at room temperature. |
| Refractive Index | 1.390 |
| EINECS | 203-564-8 |
| Molecular weight | 102.0886 |
| SMILES | <chem>C(OC(=O)C)(C)=O</chem> |

| Specifications | Limits |
|----------------|---------------------------------|
| InChIKey | 1S/C4H6O3/c1-3(5)7-4(2)6/h1-2H3 |
| InChI | WFDJRYMOXRFFG-UHFFFAOYSA-N |