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## Typical Product Specifications & Properties

# Butyric Anhydride

CAS Number: : 106-31-0

| Specifications   | Limits   |
|------------------|--|
| Molecular weight | 158.20   |
| EINECS           | 203-383-4  |
| SMILES           | CCCC(=O)OC(=O)CCC                                |
| InChI            | 1S/C8H14O3/c1-3-5-7(9)11-8(10)6-4-2/h3-6H2,1-2H3 |
| InChIKey         | YHASWHZGWUONAO-UHFFFAOYSA-N                      |
| Merck            | 14,1594  |
| Water solubility | Decomposes                                       |
| Refractive Index | 1.413  |
| Vapor Density    | 5.45   |
| Density          | 0.967 g/mL at 25 &deg;C                          |
| Vapor Pressure   | 10 mm Hg ( 79.5 &deg;C)                          |
| Melting Point    | -75–66 &deg;C                                    |



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| Specifications | Limits             |
|----------------|--------------------|
| Sensitive      | Moisture Sensitive |
| Boiling Point  | 198-199 &deg;C     |
| Flash Point    | 190 &deg;F         |
| BRN Number     | 1099474            |



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