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## Typical Product Specifications & Properties

# 3,3-Dimethylbutyne

CAS Number: : 917-92-0

| Specifications   | Limits                                                                                         |
|------------------|------------------------------------------------------------------------------------------------|
| Molecular weight | 82.14                                                                                          |
| EINECS           | 213-035-3                                                                                      |
| InChI            | 1S/C6H10/c1-5-6(2,3)4/h1H,2-4H3                                                                |
| InChIKey         | PPWNCLVNXGCGAF-UHFFFAOYSA-N                                                                    |
| BRN Number       | 1697100                                                                                        |
| Stability        | Stable, but highly flammable. Readily forms explosive mixtures with air. Note low flash point. |
| Boiling Point    | 37-38 &deg;C                                                                                   |
| Vapor Pressure   | 7.88 psi ( 20 &deg;C)                                                                          |
| Melting Point    | -78 &deg;C                                                                                     |
| Water solubility | Miscible with chloroform, benzene and toluene. Immiscible with water.                          |
| Density          | 0.667 g/mL at 25 &deg;C                                                                        |
| Refractive Index | 1.374                                                                                          |



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| Specifications      | Limits      |
|---------------------|-------------|
| Flash Point         | <-30 &deg;F |
| Storage Temperature | 2-8&deg;C   |



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