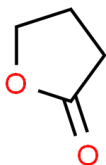


GAMMA BUTYROLACTONE

1. Basic Information

| | |
|--------------------|---|
| Product Name | Gamma Butyrolactone |
| Structural Formula |  |
| Molecular Formula | C ₄ H ₆ O ₂ |
| CAS No. | 96-48-0 |
| EC No. | 202-509-5 |
| Description | Gamma Butyrolactone is a non-combustible, water-soluble ester with a high liquid range. It is stable under a wide range of conditions, and it serves as an intermediate in a variety of useful syntheses at elevated temperatures and in the presence of appropriate reagents such as forming 2-pyrrolidone and alkyl pyrrolidones. It also reacts with phenols to yield phenoxybutyric acid derivatives. |
| Key features | <ul style="list-style-type: none">• Polar solvent• Functions as an acid donor in aqueous media at elevated temperatures• Subject to internal voluntary controls• Different grades available upon request |

2. Specifications

| Items | Specification |
|------------------|---------------|
| Physical Form | Clear liquid |
| Colour (APHA) | 40 max |
| Purity | 99.5% min |
| Moisture Content | 0.10 max |
| Boiling Point | 204°C |
| Flash Point | 93.3°C |
| Freezing Point | -44°C |

3. Additional Information

| | |
|-----------|--------------------------------|
| Packaging | Bulk, 1000kg IBC, 226.8kg drum |
|-----------|--------------------------------|