

## **Specifications**

**Product**: GAMMA UNDECALACTONE

Molecular structure :

| TESTS                          | SPECIFICATIONS                    |  |
|--------------------------------|-----------------------------------|--|
| Color and appearance           | Colorless to Light Yellow liquid  |  |
| Assay ( % gamma-undecalactone) | NLT 96.0%                         |  |
| Refractive index at 20°C       | 1.448 - 1.453                     |  |
| Specific Gravity at 20°C       | 0.942 - 0.945                     |  |
| Flash Point                    | 200.00 °F. TCC ( 93.33 °C. )      |  |
| Boiling Point                  | 64.00 to 166.00 °C. @ 13.00 mm Hg |  |
| Acid Value                     | NMT 5.0                           |  |
| Arsenic                        | NMT 3 ppm                         |  |
| Lead (Pb)                      | NMT 10 ppm                        |  |
| PH of 1% solution in water     | 4.5 – 5.5                         |  |

(NMT= Not more than, NLT=Not less than)

| INFORMATION | PREPARED BY          | APPROVED BY         |
|-------------|----------------------|---------------------|
| Name        | Mr. Suchit Mukherjee | Mr. Thomas Varghese |
| Designation | Q.C Executive        | Director Technical  |
| Date        | Jan 2019             | -                   |
| Revision    | 0                    | -                   |
| Review Date | -                    | -                   |
| Signature   | Survey.              | Thomaslay           |

**Disclaimer**: The products sold hereunder and any other products sold by Indenta Chemicals (India) Pvt. Ltd. have been subjected to limited testing and it does not release the user from the responsibility of undertaking their own test.

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