





## 1,3-PROPANEDIOL FOR SYNTHESIS

|   |  |   |
|---|--|---|
| <b>PRODUCT CODE</b>                                     | <b>R09646</b>  |   |
| <b>SYNONYMS</b>   | (Trimethylene Glycol, 1,3-Propylene Glycol)  |   |
| <b>C.I. NO.</b>   | --   |   |
| <b>CASR NO.</b>   | 504-63-2   |   |
| <b>ATOMIC OR MOLECULAR FORMULA</b>                      | $C_3H_8O_2$  |  |
| <b>ATOMIC OR MOLECULAR WEIGHT</b>                       | 76.09  |   |
| <b>PROPERTIES</b>                                       | --   |   |
| <b>PARAMETER</b>  | <b>LIMIT</b>   |   |
| Description   | Colourless to pale yellow oily liquid  |   |
| Solubility  | Miscible with water and alcohol.   |   |
| Minimum assay (GC)                                      | 98.0 %   |   |
| Wt. per ml at 25°C                                      | About 1.053 g  |   |
| Refractive index (n) <sub>D</sub> <sup>20</sup>         | About 1.440  |   |
| <b>Note(s): Assay (if applicable) method mentioned.</b> |  |   |
| WARNING   |  | IMDG Code : --  |
| Hazard statements: Not hazardous. No hazards.           |  | UN No. : --   |
| Precautionary statements                                |  | IATA : --   |
| Prevention: .....                                       |  |   |
| Response: .....   |  |   |
| Disposal: .....   |  |   |
| Hazard Pictogram(s) :-                                  | <br>GHS05      GHS07 |   |

Replace Date 1 April 2023