



## **Product Specification**

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| Bis-(2-ETHYL HEXYL) PHTHALATE FOR SYNTHESIS                                                                                                                                                                                                                                                                                 |                                                |                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|-------------------|
| PRODUCT CODE                                                                                                                                                                                                                                                                                                                | 024825                                         |                   |
| SYNONYMS                                                                                                                                                                                                                                                                                                                    | (Dioctyl phthalate,Diisooctyl Phthalate)       |                   |
| C.I. NO.                                                                                                                                                                                                                                                                                                                    | N/A                                            |                   |
| CASR NO.                                                                                                                                                                                                                                                                                                                    | 117- 81- 7                                     | O CH <sub>3</sub> |
| ATOMIC OR MOLECULAR FORMULA                                                                                                                                                                                                                                                                                                 | C <sub>24</sub> H <sub>38</sub> O <sub>4</sub> | CH <sub>3</sub>   |
| ATOMIC OR MOLECULAR WEIGHT                                                                                                                                                                                                                                                                                                  | 390.56                                         | CH <sub>3</sub>   |
| PROPERTIES                                                                                                                                                                                                                                                                                                                  | Combustible.                                   | ӸСн₃              |
| PARAMETER                                                                                                                                                                                                                                                                                                                   | LIMIT                                          |                   |
| Description                                                                                                                                                                                                                                                                                                                 | Colourless to pale yellow, clear liquid.       |                   |
| Solubility                                                                                                                                                                                                                                                                                                                  | Insoluble in water, miscible with mineral oil. |                   |
| Minimum assay (GC)                                                                                                                                                                                                                                                                                                          | 99.0%                                          |                   |
| Wt.per ml at 20°C                                                                                                                                                                                                                                                                                                           | 0.980 - 0.985 g                                |                   |
| Refractive Index (n) <sub>D</sub> <sup>20</sup>                                                                                                                                                                                                                                                                             | 1.483 - 1.487                                  |                   |
| Note(s):Assay (if applicable) method mention                                                                                                                                                                                                                                                                                | ned.                                           |                   |
| WARNING<br>Hazard statements: May be harmful if swallowed. May damage fertility.<br>Precautionary statements                                                                                                                                                                                                                |                                                | IMDG Code :       |
|                                                                                                                                                                                                                                                                                                                             |                                                | UN No. :          |
| Prevention: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required.<br>Response: If exposed or concerned: Get medical attention advice. IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell* |                                                | IATA :            |
| Disposal: Dispose of contents and container in a                                                                                                                                                                                                                                                                            | ccordance with relevant legislation.           |                   |
| Hazard Pictogram(s) :-                                                                                                                                                                                                                                                                                                      | GHS08                                          |                   |

Replace Date 03-June-2019