

## SPECIFICATION

### Oleic Diethanolamide

| Parameters        | Specification                                                                 |
|-------------------|-------------------------------------------------------------------------------|
| CAS Number        | 93-83-4                                                                       |
| Appearance        | White to off-white waxy solid                                                 |
| Molecular Formula | C <sub>22</sub> H <sub>43</sub> NO <sub>3</sub>                               |
| Molecular Weight  | 369.59 g/mol                                                                  |
| Boiling Point     | 370 °C                                                                        |
| Melting Point     | 68 °C                                                                         |
| Flash Point       | 170 °C                                                                        |
| Purity            | 98–99%                                                                        |
| Refractive Index  | 1.468                                                                         |
| Solubility        | Slightly soluble in water; soluble in ethanol                                 |
| Uses              | Emulsifier, surfactant, thickener in cosmetics and personal care formulations |