

## SPECIFICATION

### Daminozide

| Parameters        | Specification                                                |
|-------------------|--------------------------------------------------------------|
| CAS Number        | 1596-84-5                                                    |
| Appearance        | White to off-white powder                                    |
| Molecular Formula | C <sub>6</sub> H <sub>12</sub> N <sub>2</sub> O <sub>3</sub> |
| Molecular Weight  | 172.20 g/mol                                                 |
| Boiling Point     | 320 °C                                                       |
| Melting Point     | 132 °C                                                       |
| Flash Point       | 120 °C                                                       |
| Purity            | 98–99%                                                       |
| Refractive Index  | 1.5                                                          |
| Solubility        | Slightly soluble in water, soluble in acetone and methanol   |
| Uses              | Plant growth regulator, growth retardant in agriculture      |