

## SPECIFICATION

### Sodium Propyne Sulfonate

| Parameters        | Specification                                                                 |
|-------------------|-------------------------------------------------------------------------------|
| CAS Number        | 55947-46-1                                                                    |
| Appearance        | White crystalline solid                                                       |
| Molecular Formula | $C_3H_3NaO_3S$                                                                |
| Molecular Weight  | 142.05 g/mol                                                                  |
| Boiling Point     | 380 °C                                                                        |
| Melting Point     | 198 °C                                                                        |
| Flash Point       | 190 °C                                                                        |
| Purity            | 98–99%                                                                        |
| Refractive Index  | 1.433                                                                         |
| Solubility        | Water soluble                                                                 |
| Uses              | Reagent in organic synthesis,<br>intermediate in sulfonate ester<br>formation |