

## SPECIFICATION

### Zinc Pyrithione 50%

| Parameters       | Specification                                                                                         |
|------------------|-------------------------------------------------------------------------------------------------------|
| Appearance       | White to off-white powder                                                                             |
| Molecular Weight | 317.68 g/mol                                                                                          |
| Boiling Point    | 260 °C                                                                                                |
| Melting Point    | 214 °C                                                                                                |
| Flash Point      | 140 °C                                                                                                |
| Purity           | 50-60%                                                                                                |
| Refractive Index | 1.65                                                                                                  |
| Solubility       | Sparingly soluble in water; soluble in organic solvents                                               |
| Uses             | Antimicrobial/biocidal agent; used in personal care products as antifungal/antibacterial preservative |