

# TECHNICAL DATA SHEET (TDS)

Green Vision Technical Services  
Nashik, Maharashtra 422206, India  
CIB Registered | +91-9890550271

## Silicate Solubilizing Bacteria

### 1. Identification

|                   |                                     |
|-------------------|-------------------------------------|
| Product           | Silicate Solubilizing Bacteria      |
| Category          | Organic Products                    |
| Active Ingredient | CFU count: 1×10 <sup>10</sup> CFU/g |
| Formulation       | Powder/Granule                      |
| CAS Number        | N/A — biological/organic            |
| Formula           | Bacillus mucilaginosus              |
| Grade             | Agricultural Grade                  |
| Standard          | FCO / ISO 17025:2017                |

### 2. Description

Silicate Solubilizing Bacteria — professional-grade agricultural input.

### 3. Dosage & Application

|                |                                                                     |
|----------------|---------------------------------------------------------------------|
| Soil           | 5-10 kg/acre                                                        |
| Seed_Treatment | 2-3 g/kg seed                                                       |
| Application    | Foliar spray, soil drench, fertigation, seed treatment as per label |

### 4. Storage & Packaging

|               |                                                                              |
|---------------|------------------------------------------------------------------------------|
| Shelf Life    | 2-3 years                                                                    |
| Storage       | Store 5-40°C                                                                 |
| Packaging     | 100ml-5L (liquids) / 100g-25kg (solids) — custom available                   |
| Compatibility | Compatible with most AIs. Jar test before tank mix. Avoid strongly alkaline. |

Follow all label directions. User responsible for compliance.