

TECHNICAL DATA SHEET (TDS)

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Silicon 10% Liquid Potassium Silicate

1. Identification

Product	Silicon 10% Liquid Potassium Silicate
Category	Biostimulants
Active Ingredient	SiO ₂ :10%, K ₂ O:8%
Formulation	SiO ₂ +K ₂ O
CAS Number	K ₂ SiO ₃
Formula	1312-76-1
Grade	Agricultural Grade
Standard	FCO / ISO 17025:2017

2. Description

Silicon 10% Liquid Potassium Silicate — professional-grade agricultural input.

3. Dosage & Application

Foliar	Foliar: 2-3 ml/L
Soil	Drip: 2 L/acre
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.