

TECHNICAL DATA SHEET (TDS)

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Potassium Silicate 15% SiO2 Liquid

1. Identification

Product	Potassium Silicate 15% SiO2 Liquid
Category	Water Soluble Fertilizers
Active Ingredient	SiO2+K2O
Formulation	Liquid
CAS Number	1312-76-1
Formula	K2SiO3 soln
Grade	Agricultural Grade
Standard	FCO / ISO 17025:2017

2. Description

Potassium Silicate 15% SiO2 Liquid — professional-grade agricultural input.

3. Dosage & Application

Drip	1-3 ml/L
Foliar	2-5 ml/L
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.