

SAFETY DATA SHEET (SDS/MSDS) — GHS 16

Sections

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

Potassium Silicate 15% SiO2

SECTION 1: Identification

Product	Potassium Silicate 15% SiO2
Manufacturer	GVTs
Address	Plot 6, Survey 599/2, Airport Rd, Janori, Dindori, Nashik 422206 MH India
Emergency	+91-9890550271 (24 hours)
Intended Use	Agricultural input / agrochemical
CAS Number	1312-76-1

SECTION 2: Hazard Identification

GHS Classification	GHS07 / See label
Signal Word	Warning
Hazard Statements	No major hazards under normal agricultural use
Precautionary Statements	Read label. Wear PPE. Keep away from children.

SECTION 3: Composition / Ingredients

Chemical Name	K2SiO3
CAS No.	1312-76-1
Formula	K2SiO3
Composition	Potassium Silicate 15% SiO2 from Green Vision Technical Services.

SECTION 4: First Aid Measures

Eye Contact	Rinse 15 min.
Skin Contact	Wash.
Inhalation	Move to fresh air. Seek medical attention if symptoms persist.
Ingestion	Do NOT induce vomiting. Rinse mouth. Seek immediate medical attention.

SECTION 5: Fire Fighting

Extinguishing Media	Water spray, dry powder, CO2, foam
Special Hazards	Thermal decomposition may release toxic oxides
Protective Equipment	SCBA and full protective gear required

SECTION 6: Accidental Release

Personal Precautions	Wear PPE. Avoid inhalation and contact.
Environmental Precautions	Prevent entry into drains and water bodies.
Cleanup	Sweep dry. Collect in sealed container. Dispose per regulations.

SECTION 7: Handling & Storage

Handling	Avoid breathing dust. Use PPE. Wash hands after use.
Storage	Cool dry ventilated area <35°C. Away from food, water, children.
Incompatibles	Strong oxidizers, alkaline substances. See label.

SECTION 8: Exposure Controls / PPE

Respiratory	Dust mask / respirator during handling
Eye/Face	Safety goggles
Skin	Chemical resistant gloves and protective clothing
General Hygiene	Do not eat/drink/smoke while handling. Wash thoroughly after use.

SECTIONS 9–16: Additional Information

9. Physical/Chemical Properties: See Technical Data Sheet (TDS) for full specifications

10. Stability & Reactivity: Stable under normal storage. Avoid heat, moisture and incompatible materials.

11. Toxicological Information: Low acute toxicity. May cause eye/skin irritation. No known carcinogenicity.

12. Ecological Information: Avoid release to environment. May be harmful to aquatic organisms at high concentrations.

13. Disposal Considerations: Dispose per local/national regulations. Do not pour into drains or water bodies.

14. Transport Information: Classify per IATA/IMDG/ADR. Provide UN number as per hazard classification.

15. Regulatory Information: CIB registered product. Comply with Insecticides Act 1968 and applicable local regulations.

16. Other Information: Prepared by: QC Department, Green Vision Technical Services. Issue: 2024.

This SDS is prepared per GHS standards. Information believed accurate. Users must verify suitability. Not a substitute for professional advice.