

SAFETY DATA SHEET (SDS/MSDS) — GHS 16

Sections

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

NPK 12:48:0 Water Soluble Fertilizer

SECTION 1: Identification

Product	NPK 12:48:0 Water Soluble Fertilizer
Manufacturer	GVTS
Address	Janori, Nashik 422206
Emergency	+91-9890550271
Intended Use	Agricultural input / agrochemical
CAS Number	Various

SECTION 2: Hazard Identification

GHS Classification	GHS07
Signal Word	Warning
Hazard Statements	May cause irritation
Precautionary Statements	Keep away from children. Wear PPE.

SECTION 3: Composition / Ingredients

Chemical Name	N:12% P ₂ O ₅ :48% K ₂ O:0%
CAS No.	Various
Formula	N:12% P:48% K:0%
Composition	NPK 12:48:0 Water Soluble Fertilizer — fully water-soluble FCO-compliant NPK for fertigation and foliar spray.

SECTION 4: First Aid Measures

Eye Contact	Rinse 15 min.
Skin Contact	Wash soap+water.
Inhalation	Fresh air.
Ingestion	Do NOT induce vomiting. Seek help.

SECTION 5: Fire Fighting

Extinguishing Media	Water spray, dry powder, CO ₂ , 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 contact. Ventilated area.
Storage	Cool dry store.
Incompatibles	Strong oxidizers, alkaline substances. See label.

SECTION 8: Exposure Controls / PPE

Respiratory	Dust mask / respirator during handling
Eye/Face	Safety goggles
Skin	Gloves
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.