

# SAFETY DATA SHEET (SDS/MSDS) — GHS 16

## Sections

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

### NPK 21:14:14 Water Soluble Fertilizer

#### SECTION 1: Identification

|              |                                       |
|--------------|---------------------------------------|
| Product      | NPK 21:14:14 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:21% P <sub>2</sub> O <sub>5</sub> :14% K <sub>2</sub> O:14%                                                   |
| CAS No.       | Various                                                                                                         |
| Formula       | N:21% P:14% K:14%                                                                                               |
| Composition   | NPK 21:14:14 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 <sub>2</sub> , 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.

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