

Soil Amendment Fertilizer- Macromix

Critical Safety Information

Soil Amendment Fertilizer- Macromix contains mineral components and essential salts. Although designed to enhance plant growth, strict adherence to safety recommendations is crucial to prevent potential harm to the operator and the environment. Always read the instructions carefully before use.

Product and Manufacturer Identification

Product Name: Soil Amendment Fertilizer- Macromix.

Manufacturer: Nano Compound Semnan Dara Company

Factory Address: Semnan, Standard Square, Javan Blvd., Semnan University Science and Technology Park.

Contact Information:

Composition/Ingredients

Main Components: The composition includes Potassium Sulfate, Di-ammonium Phosphate, Calcium Sulfate, and Natural Zeolite.

Guaranteed Analysis: Contains essential elements like Total Nitrogen, Water Soluble Phosphorus, Water Soluble Potassium, and Total Iron.

Hazard Identification

Warning: The product must be kept out of reach of children.

General Precaution: The application instructions must be studied carefully before using the fertilizer.

Physical Hazards: No specific flammable or explosive physical hazards are explicitly mentioned in the available information.

First Aid Measures

Contact (Eyes/Skin): Due to the mineral and salt nature of the product, in case of unintentional contact, flush the affected area with clean water.

Ingestion/Inhalation: If swallowed or if dust is inhaled, move to fresh air. Seek medical attention if irritation persists.

Fire Fighting Measures

Extinguishing Media: No specific information is available, but the fertilizer is not inherently flammable. Use extinguishing media appropriate for the surrounding fire source.

Accidental Release Measures

Cleanup: Collect spilled material using appropriate mechanical tools and prepare for disposal according to local regulations.

Environmental Concerns: Prevent large quantities of the product from entering surface or ground waters.

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Handling and Storage

Handling: Avoid direct contact with skin and eyes.

Storage: Keep out of reach of children³¹. Store in a cool, dry place, away from excessive moisture and direct sunlight.

Exposure Controls / Personal Protection

Personal Protection: Use of personal protective equipment (PPE) such as safety gloves and goggles is recommended to prevent direct contact during handling.

Ventilation: If dust is generated, use adequate ventilation or wear a respiratory mask.

Physical and Chemical Properties

Appearance: Granular or powder form. Additional info: Particle Size: 1 to 2 mm.

Acidity (pH): 5.75 (at 1:10 ratio).

Net Weight: 25 kg.

Toxicological and Ecological Information

Toxicology: Not toxic to humans at low doses, but ingestion or prolonged contact may cause irritation.

Ecology: The product contains natural mineral materials. Disposal must be compliant with local and environmental regulations.
