

Material Safety Data Sheet (MSDS)

Product Name: Di Sodium Phosphate Anhydrous Food Grade

MSDS Generate Date: 20-05-2017

Revision Date: 30-12-2024

Supplier:

Rawpharma Biz Pvt Ltd

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1. Identification of the Substance/Preparation and Company

- **Product Name:** Di Sodium Phosphate Anhydrous
- **Synonyms:** Disodium Hydrogen Phosphate, Sodium Phosphate Dibasic
- **Grade:** Food Grade
- **CAS No.:** 7558-79-4
- **Molecular Formula:** Na_2HPO_4
- **Molecular Weight:** 141.96 g/mol
- **Recommended Use:** Food additive, buffering agent, emulsifier, nutrient supplement

2. Hazard Identification

- Not classified as hazardous under GHS
- May cause mild eye or respiratory irritation due to dust
- Avoid unnecessary exposure

3. Composition / Information on Ingredients

This product contains **Di Sodium Phosphate Anhydrous** as the sole ingredient.

It has a **purity of not less than 99.0%**, conforming to **Food Grade specifications**.

No hazardous impurities are present in quantities requiring disclosure.

4. First Aid Measures

- **Inhalation:** Move to fresh air. Seek medical advice if symptoms persist
 - **Skin Contact:** Wash with soap and water
 - **Eye Contact:** Rinse with water for at least 15 minutes
 - **Ingestion:** Rinse mouth with water; consult physician if large quantity is consumed
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5. Fire Fighting Measures

- **Flammability:** Non-flammable
 - **Extinguishing Media:** Water spray, dry chemical, CO₂
 - **Hazardous Decomposition:** Sodium oxides, phosphorus oxides
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6. Accidental Release Measures

- Avoid dust formation
 - Collect material by sweeping or vacuuming
 - Dispose according to local regulations
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7. Handling and Storage

- Handle in a well-ventilated area
 - Store in tightly closed containers in a dry place
 - Keep away from strong acids and moisture
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8. Exposure Controls / Personal Protection

- Adequate ventilation recommended
 - Use safety goggles, gloves, and dust mask if required
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9. Physical and Chemical Properties

- **Appearance:** White crystalline powder
 - **Odor:** Odorless
 - **pH (1% solution):** 8.8 – 9.2
 - **Solubility:** Soluble in water
 - **Melting Point:** ~250°C (decomposes)
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10. Stability and Reactivity

- Stable under normal conditions
 - Avoid contact with strong acids
 - No hazardous polymerization
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11. Toxicological Information

- Low acute toxicity
 - Mild irritation possible with prolonged exposure
 - Not carcinogenic
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12. Ecological Information

- Not expected to be harmful to aquatic life
 - Avoid uncontrolled environmental release
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13. Disposal Considerations

- Dispose in accordance with applicable regulations
- Product is considered non-hazardous waste

14. Transport Information (Detailed)

- **UN Number:** Not applicable
- **UN Proper Shipping Name:** Not regulated
- **Transport Hazard Class:** Not classified as dangerous goods
- **Packing Group:** Not applicable

Regulatory Transport Status:

- ADR/RID: Not regulated
- IMDG: Not regulated
- IATA: Not regulated

Special Precautions:

- Protect from moisture
- Use sealed, food-grade packaging
- Avoid dust generation during handling and transport

15. Regulatory Information

- Food Grade compliant
- GRAS status when used as per regulations
- Not classified as hazardous under OSHA, GHS, or EU CLP

16. Other Information

The information provided is based on current knowledge and is intended for safe handling, storage, and use. This MSDS does not constitute a product warranty.

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