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## Safety Data Sheet (SDS / MSDS)

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**Product Name:** Dipotassium Phosphate ( $K_2HPO_4$ )

**Catalogue Number:** ASC-8040

### 1. Identification

Recommended Use: Food-grade buffering agent and industrial reagent.

Restrictions on Use: Not for pharmaceutical or therapeutic use.

### 2. Hazard Identification

Not classified as hazardous under GHS under normal conditions.

May cause mild irritation to eyes or skin upon contact.

### 3. Composition / Information on Ingredients

Chemical Name: Dipotassium Phosphate

CAS Number: 7758-11-4

### 4. First Aid Measures

Inhalation: Move to fresh air.

Skin Contact: Wash with water.

Eye Contact: Rinse cautiously with water for several minutes.

Ingestion: Rinse mouth; seek medical advice if unwell.

### 5. Fire Fighting Measures

Non-flammable material.

Use suitable extinguishing media for surrounding fire.

### 6. Accidental Release Measures

Avoid dust generation.

Collect and dispose according to local regulations.

## **7. Handling and Storage**

Handle in well-ventilated area.

Store in tightly closed container in dry conditions.

## **8. Exposure Controls / Personal Protection**

Wear protective gloves and eye protection during handling.

Use dust mask if airborne dust is generated.

## **9. Physical and Chemical Properties**

Appearance: White crystalline powder

Solubility: Freely soluble in water

pH (1% solution): 8.5 – 9.6

## **10. Stability and Reactivity**

Stable under recommended storage conditions.

Avoid strong acids and incompatible materials.

## **11. Toxicological Information**

Low acute toxicity under normal handling conditions.

## **12. Ecological Information**

Avoid large releases to the environment.

## **13. Disposal Considerations**

Dispose in accordance with local regulations.

## **14. Transport Information**

Not regulated as dangerous goods under ADR, IMDG, or IATA.

## **15. Regulatory Information**

FCC compliant.

## **16. Other Information**

This SDS is provided for laboratory and industrial use only.