



# MATERIAL SAFETY DATA SHEET

## Dipotassium Phosphate Anhydrous

MSDS Name:	Dipotassium Phosphate Anhydrous
Catalog Numbers:	
Synonyms:	

Company Identification:	Hazel Mercantile Limited
Company Identification: (INDIA)	701, Embassy Centre , Nariman Point , Mumbai – 400 021
For information in the INDIA, call:	+91-22-2282 4444 (50 Lines)

### Section 1: Composition

Ingredients Dipotassium Phosphate Anhydrous	K <sub>2</sub> HPO <sub>4</sub>
CAS Number	7758-11-4

### Section 3: Hazards

No known hazards	MSDS/PHOS/09
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### Section 4: First Aid Measures

Eye contact	None required.
Skin contact	None required.
Inhalation / Ingestion	If any symptoms follow ingestion or inhalation, obtain medical advice.

### Section 5: Fire-Fighting Measures

Governed by other materials present. No special fire-fighting equipment or measures required.

### Section 6: Accidental Release Measures

Sweep up spillage and recover/recycle if possible. Otherwise place in a fiber keg or paper sack and dispose of as industrial waste.

### Section 7: Handling & Storage

Handling	Minimize dust formation.
Storage	Protect from contamination.
Store in original, unopened package in clean, cool, dry place. Store one pallet high to avoid compaction.	

### Section 8: Exposure Controls and Personal Protection

Regulations Permissible Exposure Limit (PEL):	15m/m <sup>3</sup> ; respirable fraction for nuisance dusts.
Air contamination limits	None listed MSDS/PHOS/09



### Section 9: Physical and Chemical Properties

Form -	Powder
Colour -	White
Odour -	None
Melting point	>465 deg cel
Vapour pressure -	Not applicable
Viscosity -	Not applicable
Solubility 63%	at 25 deg cel
pH Value 8.7 -	9.4 in 1% Solution at 20 deg cel
Flash point -	Not applicable
Ignition temperature -	Does not burn or help other materials to burn
Explosion limits -	Not relevant

### Section 10: Stability and Reactivity

Thermal decomposition -	Loses water, finally forming Tetrapotassium Pyrophosphate
Hazardous thermal decomposition products -	None
Hazardous reactions -	None

### Section 11: Toxicological Information

No LD50 / LC50 information found relating to normal routes of occupational exposure.

### Section 12: Ecological Information

Ecological effects No information found

### Section 13: Disposal Considerations

Sweep up spillage and recover/recycle if possible. Otherwise place in a fiber keg or paper sack and dispose of as industrial waste. MSDS/PHOS/09

### Section 14: Transport Information

Not classified as a substance hazardous for transport.

### Section 15: Regulatory Information

Not classified as a substance hazardous for supply

### Section 16: Other Information

➤	This product may be used in the following applications
➤	Used as additive in the coffee creamers
➤	Used in antifreezing solutions as buffer
➤	Used as an additive in cheese processes.
➤	Used as nutrient of penicillin culturing
➤	Sequestrant and also used as a dispersion medium in liquid detergents

MSDS Creation Date:	September 01, 2007
Revision #0 Date	



### **Ingredient of fertilizer**

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