



MATERIAL SAFETY DATA SHEET

DIPOTASSIUM PHOSPHATE

SECTION 1: CHEMICAL PRODUCT & COMPANY IDENTIFICATION

1.1 Product Detail	
1.1.1 Product name	DIPOTASSIUM PHOSPHATE ANHYDROUS
1.1.2 Chemical name	Dipotassium Phosphate Anhydrous
1.1.3 Chemical formula	K_2HPO_4
1.2 Company	SR FILTER AIDS SUPPLIERS 2280/10 Gali Hinga Beg Tilak Bazar, Delhi - 110006 India Phone - 011-23933909/23912740 E-MAIL ID - sales@srfilter.com WEBSITE - www.srfilter.com

SECTION 2: COMPOSITION

2.1 Ingredients	Dipotassium Phosphate Anhydrous K_2HPO_4
2.2 CAS Number	7758-11-4

SECTION 3: HAZARDS

3.1 No known hazards

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SECTION 4: FIRST AID MEASURES

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

SECTION 5: FIRE-FIGHTING MEASURES

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

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 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

7.1 Handling	Minimize dust formation.
7.2 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

8.1 Regulations	Permissible Exposure Limit (PEL): 15m/m ³ ; respirable fraction for nuisance dusts.
8.2 Air contamination limits	None listed

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Form	Powder
9.2 Colour	White
9.3 Odour	None
9.4 Change in physical state	Melting point is > 465oC (>869oF)
9.5 Vapour pressure	Not applicable
9.6 Viscosity	Not applicable
9.7 Solubility	63% at 25oC
9.8 pH Value	8.7 - 9.4 in 1% Solution at 20o C
9.9 Flash point	Not applicable
9.10 Ignition temperature	Does not burn or help other materials to burn
9.11 Explosion limits	Not relevant

SECTION 10: STABILITY AND REACTIVITY

10.1 Thermal decomposition	Loses water, finally forming Tetrapotassium Pyrophosphate
10.2 Hazardous thermal decomposition products	None
10.3 Hazardous reactions	None

SECTION 11: TOXICOLOGICAL INFORMATION

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

SECTION 12: ECOLOGICAL INFORMATION

12.1 Ecological effects	No information found
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SECTION 13: DISPOSAL CONSIDERATIONS

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

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SECTION 14: TRANSPORT INFORMATION

14.1 Not classified as a substance hazardous for transport.

SECTION 15: REGULATORY INFORMATION

15.1 Not classified as a substance hazardous for supply

SECTION 16: OTHER INFORMATION

16.1 This product may be used in the following applications

16.1.2 Used as additive in the coffee creamers
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16.1.3 Used in antifreezing solutions as buffer

16.1.4 Used as an additive in cheese processes.

16.1.5 Used as nutrient of penicillin culturing

16.1.6 Sequestrant and also used as a dispersion medium in liquid detergents
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16.1.7 Ingredient of fertilizer

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