



MATERIAL SAFETY DATA SHEET

MONOSODIUM PHOSPHATE (MSP)

Section 1: Chemical Product & Company Identification

Product name:	Monosodium Phosphate – Anhydrous
Chemical formula:	NaH ₂ PO ₄
Company Identification:	Hazel Mercantile Limited
Company Identification: (INDIA)	701/712 A, Embassy Centre, Nariman Point, Mumbai - 400 021.
For information in the INDIA, call:	+91 - 22 - 2282 4444 (50 Lines)

Section 2: Composition

Ingredients:	Monosodium Phosphate Anhydrous NaH ₂ PO ₄
CAS Number:	7758-80-7

Section 3: Hazards

No known hazards

Section 4: First Aid Measures

Eye Contact:	None required.
Skin contact:	None required.
Inhalation / Ingestion:	If any symptoms follow ingestion 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 as industrial waste.

Section 7: Handling & Storage

Handling:	Minimize dust formation.
Storage:	1. Protect from contamination 2. Store in original, unopened package in clean, cool, dry place. 3. Store one pallet high to avoid compaction.

Section 8: Exposure Controls And Personal Protection

Regulations:	None
Air contamination limits:	None listed

Section 9: Physical And Chemical Properties

Form:	Powder or Granules
Colour:	White
Odour:	None
Change in physical state:	loses water at 180oC to give a residual solid melting at 600oC



Bulk Density:	0.6 - 0.9 g/ml.
Vapour pressure:	Not applicable
Viscosity:	Not applicable
Solubility:	83 g anhydrous salt per 100 g water at 22 oC
pH Value:	4.5 at 20oC (1% solution)
Flash point:	Not applicable
Ignition temperature:	Does not burn or help other materials burn
Explosion limits:	Not relevant

Section 10: Stability And Reactivity

Thermal decomposition:	Loses water, finally forming sodium metaphosphate glass
Hazardous thermal decomposition products:	None
Hazardous reactions:	None

Section 11: Toxicological Information

When of sufficient purity is classed as GRAS (generally recognised as safe) by FDA (182/6085) in USA. Sodium and phosphate ions are normal constituents of the human body. The material is listed as a permitted food additive in the MAFR regulations 1980.

Section 12: Ecological Information

Ecological effects:	Orthophosphate may act as a plant nutrient and precipitate heavy metals.
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Section 13: Disposal Considerations

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

Section 14: Transport Information

Not classified as a substance hazardous for transport.
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Section 15: Regulatory Information

Not classified as a substance hazardous for supply
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Section 16: Other Information

MSDS Creation Date:	October 15, 2007
Revision #0 Date	

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