

MATERIAL SAFETY DATA SHEET

MIXED PHOSPHATE (MP - 001)

SECTION 1: CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Date of Issue: 27/09/03

Rev-02

1.1 Product Details	
1.1.1 Product name	BLENDED PHOSPHATE (MP-001)
1.1.2 Chemical name	Blended Sodium and Potassium Polyphosphate
1.1.3 Chemical formula	$(\text{Na}_x\text{H}_x\text{PO}_x)_n + (\text{K}_x\text{PO}_x)_n$
1.2 Company	Aditya Birla Chemicals 77 Moo 6 Soi Sukhaphiban 1, Poochao Saming Prai Road, Samrong, Phrapradaeng, Samutprakarn 10130 Telephone : +66 (0) 2396 1715-6, 2748 5173- 4 Fax : +66 (0) 2398 0774 E-mail: mktg@thaipoly.co.th website: www.thaipoly.com
1.3 Emergency	Telephone: +66 (0) 2396 1715 - 6, 2748 5173- 4

SECTION 2: COMPOSITION

2.1 Ingredients	Blend of Sodium & Potassium Polyphosphates
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SECTION 3: HAZARDS

3.1 No known hazards

SECTION 4: FIRST AID MEASURES

4.1 Eye Contact	Wash with water
4.2 Skin contact	None required
4.3 Inhalation/ingestion	If any symptoms following 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 paper or plastic sacks and dispose of as industrial waste.
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MATERIAL SAFETY DATA SHEET

SECTION 7: HANDLING & STORAGE

7.1 Handling	No special precaution required.
7.2 Storage	1.Protect from contamination. 2.Store in original, unopened packages in clean, cool, dry place. 3.Store one pallet high to avoid compaction.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1 Regulations	None
8.2 Air contamination limits	None listed

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Form	Powder
9.2 Colour	White
9.3 Odour	None
9.4 Vapour pressure	Not applicable
9.5 Viscosity	Not applicable
9.6 pH Value	7.8 at 20°C(1% solution)
9.7 Bulk Density at 20 deg c	790 gm/Lit
9.8 Moisture	0.3 %
9.9 Flash point	Not applicable
9.10 Ignition temperature	Does not burn
9.11 Explosion limits	Not relevant

SECTION 10: STABILITY AND REACTIVITY

10.1 Hazardous thermal decomposition products	None
10.2 Hazardous reactions	None

MATERIAL SAFETY DATA SHEET

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 The food grade standard of the product has been used as a food additive especially in the meat industry.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Ecological effects	May act as a plant nutrient and promotes eutrophication.
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SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Sweep up spillage and recover/recycle if possible. Otherwise place in paper or plastic sacks and dispose of as industrial waste.

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

This product may be used in the food processing applications:

16.1 As a constituent of phosphate mixes used in the preparation of products such as hamburgers and sausages.

16.2 As a constituent of emulsifying - salt blends used in the manufacture of processed cheese.

16.3 As a general buffer, sequestrant and stabilizing agent in dairy products and other foodstuffs
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