

MATERIAL SAFETY DATA SHEET

BLENDED PHOSPHATE (MP-SEAPHOS)

SECTION 1: CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Date of Issue: 27/09/03

Rev-02

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| 1.1 Product Details | |
| 1.1.1 Product name | BLENDED PHOSPHATE (MP-SEAPHOS) |
| 1.1.2 Chemical name | Blended Sodium Polyphosphate |
| 1.1.3 Chemical formula | $(\text{Na}_x\text{H}_x\text{PO}_x)_n$ |
| 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 | E-mail: mktg@thaipoly.co.th Telephone: +66 (0) 2396 1715 - 6, 2748 5173- 4 |

SECTION 2: COMPOSITION

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| 2.1 Ingredients | Blend of Sodium Polyphosphates |
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SECTION 3: HAZARDS

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| 3.1 No known hazards |
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SECTION 4: FIRST AID MEASURES

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| 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

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| 5.1 Governed by other materials present. No special fire-fighting equipment or measures required. |
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SECTION 6: ACCIDENTAL RELEASE MEASURES

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| 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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SECTION 7: HANDLING & STORAGE

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| 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

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| 8.1 Regulations | None |
| 8.2 Air contamination limits | None listed |

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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|------------------------------|--------------------------|
| 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 | 9.2 at 20°C(1% solution) |
| 9.7 Bulk Density at 20 deg C | 850 gm/Lit |
| 9.8 Moisture | 0.4 % |
| 9.9 Flash point | Not applicable |
| 9.10 Ignition temperature | Does not burn |
| 9.11 Explosion limits | Not relevant |

SECTION 10: STABILITY AND REACTIVITY

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| 10.1 Hazardous thermal decomposition products | None |
| 10.2 Hazardous reactions | None |

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SECTION 11: TOXICOLOGICAL INFORMATION

11.1 The food grade standard of the product has been used as a food additive specifically for seafood industry.

SECTION 12: ECOLOGICAL INFORMATION

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| 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

16.1 This product may be used in shrimps, fish and other seafood products to improve the yield through reduced cooking and thawing losses. In addition natural fluids are retained which improves texture flavour and colour.

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