MIXED PHOSPHATE (MP - MEATPHOS)

SECTION 1: CHEMICAL PRODUCT & COMPANY IDENTIFICATION

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1.1 Product Details
1.1.1 Product name BLENDED PHOSPHATE (MP-MEATPHOS)
1.1.2 Chemical name Blended Sodium and Potassium Polyphosphate
1.1.3 Chemical formula (Na_xH_yPO_z)n + (K_xPO_y)n

1.2 Company
Thai Polyphosphate & Chemicals Co., Ltd.
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Samrong, Phrapradaeng,
Samutprakarn 10130
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1.3 Emergency
Telephone: +66 (0) 2396 1715 - 6, 2748 5173– 4

SECTION 2: COMPOSITION

2.1 Ingredients Blend of Sodium & Potassium Polyphosphates

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.
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                 | 9.5 at 20°C(1% solution)              |
| 9.7 Bulk density at 20 deg C | 750 gm/Lit                            |
| 9.8 Moisture                 | 2.0%                                  |
| 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 |
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.

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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