SECTION 1: CHEMICAL PRODUCT & COMPANY IDENTIFICATION

1.1 Product Details
- **1.1.1 Product name**: BLENDED PHOSPHATE (MP-018)
- **1.1.2 Chemical name**: Blended Sodium Polyphosphate
- **1.1.3 Chemical formula**: \((\text{Na}_x\text{H}_y\text{PO}_z)_n\)
- **1.2 Company**: Thai Polyphosphate & Chemicals Co., Ltd.
  77 Moo 6 Soi Sukhaphiban 1,
  Pochoa 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 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.
MATERIAL SAFETY DATA SHEET

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 Protect from contamination. Store in original, unopened packages in clean, cool, dry place. 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

<table>
<thead>
<tr>
<th>9.1 Form</th>
<th>Powder</th>
</tr>
</thead>
<tbody>
<tr>
<td>9.2 Colour</td>
<td>White</td>
</tr>
<tr>
<td>9.3 Odour</td>
<td>None</td>
</tr>
<tr>
<td>9.4 Vapour pressure</td>
<td>Not applicable</td>
</tr>
<tr>
<td>9.5 Viscosity</td>
<td>Not applicable</td>
</tr>
<tr>
<td>9.6 pH Value</td>
<td>7.5 - 8.5 at 20°C(1% solution)</td>
</tr>
<tr>
<td>9.7 Bulk density</td>
<td>700 gm/Lit</td>
</tr>
<tr>
<td>9.8 Moisture</td>
<td>0.4 %</td>
</tr>
<tr>
<td>9.9 Flash point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>9.10 Ignition temperature</td>
<td>Does not burn</td>
</tr>
<tr>
<td>9.11 Explosion limits</td>
<td>Not relevant</td>
</tr>
</tbody>
</table>

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 for many years.

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

16.1 This product is classified as food additive using in surimi product as cryoprotectant.

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