MATERIAL SAFETY DATA SHEET

BLENDED PHOSPHATE (MP-SAUSPLUS)

SECTION 1: CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Date of Issue: 27/09/03

1.1 Product Details

1.1.1 Product name BLENDED PHOSPHATE (MP –SAUSPLUS)
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

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 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

<table>
<thead>
<tr>
<th>7.1 Handling</th>
<th>No special precaution required.</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.2 Storage</td>
<td>Protect from contamination. Store in original, unopened packages in clean, cool, dry place. Store one pallet high to avoid compaction.</td>
</tr>
</tbody>
</table>

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

<table>
<thead>
<tr>
<th>8.1 Regulations</th>
<th>None</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.2 Air contamination limits</td>
<td>None listed</td>
</tr>
</tbody>
</table>

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>9.2 at 20°C (1% solution)</td>
</tr>
<tr>
<td>9.7 Bulk Density</td>
<td>750 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

<table>
<thead>
<tr>
<th>10.1 Hazardous thermal decomposition products</th>
<th>None</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.2 Hazardous reactions</td>
<td>None</td>
</tr>
</tbody>
</table>
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

16.1 This product will improve product yield through reduced cooking losses. In addition natural fluids of meat are retained which improves texture flavour and colour.

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