DIAMMONIUM PHOSPHATE
TECHNICAL GRADE

DESCRIPTION
Diammonium Phosphate is an anhydrous, white material, available in granular or powdered form. The 100 mesh Powdered F.F. form is conditioned with powdered free flowing tricalcium phosphate.

USES
Agriculture
√ Ingredient in specialty all-soluble dry fertilizers
Building Materials
√ Flame-proofing of wood
Paint
√ Ingredient in flame-proofing of specialty paper; prevention of afterglow in matches
Pulp and Paper
√ Flame-proofing of specialty paper; prevention of afterglow in materials
Textile
√ Flame-proofing of fabrics and cotton batting.
Nutrient feed for biological treatment plants.

NOMENCLATURE
Ammonium Phosphate, Dibasic

FORMULA
(NH₄)₂ HPO₄

FORMULA WEIGHT
132.1

CAS NUMBER
7783-28-0

CAS INDEX NAME
Phosphoric Acid, Diammonium Salt

E/INS NUMBER
342(ii)

RE-TEST DATE
12 months after the date of manufacture

CERTIFICATES
Includes NAFTA and others

LABEL DECLARATION
Diammonium Phosphate

GRADE
Technical

MANUFACTURING LOCATION(S)
Coatzacoalcos, Veracruz, Mexico - Granular
Chicago Heights, IL - Powdered
DIAMMONIUM PHOSPHATE
TECHNICAL GRADE

SHIPPING POINTS
Chicago Heights, IL – Granular and Powdered
Coatzacoalcos, Veracruz, Mexico – Granular
Mobile, AL - Granular

CONTAINERS
50 lb net weight paper bags – granular/powder
(40 bags per pallet) (R/C CZ512.435)
80 lb net weight plastic bags – granular (25 bags per pallet)
(R/C CZ512.171)
Super Sacks – granular (2,000 lb sack, 1 per pallet)
(R/C CZ512.207)
Other containers available upon request

STORAGE
Cool and Dry

SPECIFICATIONS

<table>
<thead>
<tr>
<th></th>
<th>GRANULAR</th>
<th>100-MESH</th>
</tr>
</thead>
<tbody>
<tr>
<td>P₂O₅, %</td>
<td>53.0% min.</td>
<td>53.0% min.</td>
</tr>
<tr>
<td>NH₃</td>
<td>25.0% min.</td>
<td>24.5% min.</td>
</tr>
</tbody>
</table>

TYPICAL PROPERTIES

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH (1% solution)</td>
<td>8.0</td>
</tr>
<tr>
<td>Moisture</td>
<td>0.10%</td>
</tr>
<tr>
<td>Solubility</td>
<td>41 gms per 100 gms saturated sol. At 25°C (granular only)</td>
</tr>
<tr>
<td>Stability</td>
<td>Decomposition initiates at 70°C</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Through 10 mesh</td>
<td>98%</td>
</tr>
<tr>
<td>Through 100 mesh</td>
<td>7.5% max</td>
</tr>
<tr>
<td>Bulk Density (lbs per Cu/ft)[loose]</td>
<td>58</td>
</tr>
</tbody>
</table>

All information is offered in good faith, without guarantee or obligation for the accuracy or sufficiency thereof, or the results obtained, and is accepted at user’s risk. Nothing herein shall be construed as a recommendation for uses which infringe valid patents or as extending license under valid patents.