

DIAMMONIUM PHOSPHATE (DAP) 18-46-0

Product Description

Diammonium Phosphate (DAP), it is one of a series of water-soluble ammonium phosphate salts. It produces when ammonia reacts with phosphoric acid.

Recommended Uses

Diammonium Phosphate (DAP) is used as a fertilizer. It can be used as a fire retardant. DAP is also used as a yeast nutrient in wine making and mead brewing; as an additive in some brands of cigarettes purportedly as a nicotine enhancer; to prevent afterglow in matches, in purifying sugar; as a flux for soldering tin, copper, zinc and brass; and to control precipitation of alkali-soluble and acid-insoluble colloidal dyes on wool.

Packaging

50/Kg. Propylene Bag or Bulk.

Specification For Diammonium Phosphate (DAP) 18-46-0

| Product Name | Diammonium Phosphate DAP 18-46-0 |
|--|---|
| Quality Specification | Agricultural Grade |
| CAS | 7783-28-0 |
| Molecular Formula | (NH ₄) ₂ HPO ₄ |
| Nitrogen | 18.0% by weight minimum |
| Ammoniac Nitrogen Form | 15.5% by weight minimum |
| Total Nitrogen in form of Urea | 2.5% by weight maximum |
| Neutral Ammonium Citrate Soluble | 46.0% by weight minimum |
| Water Soluble Phosphate (P ₂ O ₅) | 41.0 by weight minimum |
| Moisture | 1.5% by weight maximum |
| Particle Size | Not less than 90% of the material shall pass through 4mm IS sieve and be retained on 1mm IS sieve. Not more than 5% shall be below 1 mm size. |
| Colour | Dark Brown |
| Package | Bulk |
| Standard | Internationally Accepted Standard for DAP18-46-0 |

