



MENAFERT

Technical Data Sheet

Straights Urea Phosphate Horticultural Grade

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MENAFERT

Straights

Urea Phosphate Horticultural Grade

Description

| | |
|------------------|--|
| Brand Name | MENAFERT UP HG |
| Chemical name | Urea phosphate |
| Chemical Formula | $\text{CO}(\text{NH}_2)_2 \cdot \text{H}_3\text{PO}_4$ |
| Appearance | White crystals/prills |

Chemical Composition

| | |
|---|-------|
| Total Nitrogen (N) | > 17% |
| Ureic Nitrogen (N-NH ₂) | > 17% |
| Phosphorus Pentoxide (P ₂ O ₅) | > 44% |

Physical Properties

| | |
|------------------|----------------------------------|
| Relative density | 1,77 at 20°C |
| pH | 1.6 - 2.0 (in 1% water solution) |
| Moisture | < 0.2% |
| Solubility | 800 g/L (in water at 20°C) |