



MENAFERT

Technical Data Sheet

Advanced MENACAL ULTRA

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MENAFERT

Advanced MENACAL ULTRA

Description

| | |
|------------------|--|
| Brand Name | MENACAL ULTRA |
| Chemical name | Calcium Ammonium Nitrate with IDHA-chelated Trace Elements |
| Chemical Formula | $\text{CaNH}_4(\text{NO}_3)_2$ trace elements |
| Color | Greenish flakes |

Chemical Composition

| | |
|---------------------------------|--------|
| Total Nitrogen (N) | 14.6% |
| Nitric N (N-NO ₃) | 13.9% |
| Ammonium N (N-NH ₄) | 0.7% |
| Calcium Oxide (CaO) | 26.5% |
| Trace Elements | |
| Boron (B) | 0.025% |
| Copper (Cu), IDHA chelated | 0.01% |
| Iron (Fe), IDHA chelated | 0.07% |
| Manganese (Mn), IDHA chelated | 0.04% |
| Molybdenum (Mo) | 0.004% |
| Zinc (Zn), IDHA chelated | 0.025% |

Physical Properties

| | |
|---------------------|---|
| Density | 0.95 +/- 0.05 g/cm ³ |
| Solubility in water | 2.0 kg/L (at 20°C) |
| EC | 1.25 mS/cm (in 0.1% solution) |
| pH | 6.5 - 7.5 (in 10% water solution) 5.5 - 6.0 (in 1% solution) |
| Water Insoluble | < 0.01% |