



# Cultiplant

## Straights Calcium Nitrate FG

### Description

|                  |  |
|------------------|--|
| Brand Name       | CULTIPLANT Calcium Nitrate FG  |
| Chemical name    | Double salt of calcium and ammonium nitrate                                  |
| Chemical Formula | $5\text{Ca}(\text{NO}_3)_2\text{NH}_4\text{NO}_3 \cdot 10\text{H}_2\text{O}$ |
| Appearance       | Ocre to beige hygroscopic granules   |

### Chemical Composition

|                                   |            |
|-----------------------------------|------------|
| Total Nitrogen (N)                | >15% w/w   |
| Nitrate N (N-NO <sub>3</sub> )    | >13.5% w/w |
| Ammoniacal N (N-NH <sub>4</sub> ) | <1.5% w/w  |
| Calcium Oxide (CaO)               | 26% w/w    |
| Calcium (Ca)                      | 18.6% w/w  |

### Physical Properties

|            |                                   |
|------------|-----------------------------------|
| Density    | 1.0 g/cm <sup>3</sup>             |
| pH         | 5.9 - 6.7 (in 10% water solution) |
| Insolubles | <0.3%                             |