



Cultiplant

Advanced

CULTIMAG Duo Ca

Description

Brand Name	CULTIMAG Duo Ca
Chemical name	Calcium Ammonium Nitrate Magnesium Nitrate
Chemical Formula	$\text{CaNH}_4(\text{NO}_3)_3$ MgNO_3
Color	White / Yellowish Flakes

Chemical Composition

Total Nitrogen (N)	13.5% w/w +/- 0.3%
Nitric N (N-NO ₃)	13.1% w/w +/- 0.3%
Ammonium N (N-NH ₄)	0.4% w/w +/- 0.1%
Calcium Oxide (CaO)	16.5% w/w +/- 0.5%
Magnesium Oxide (MgO)	6.0% w/w +/- 0.3%

Physical Properties

Density	0.9 g/cm ³
Solubility	2200 g/L at 20°C
Conductivity (EC)	1,1 mS/cm in 0,1% solution
pH	6 - 7 (in 10% water solution)
Insolubles	< 0.01%