



MENAFERT

Technical Data Sheet

Straights Calcium Nitrate AQUA

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Straights Calcium Nitrate AQUA

Description

Brand Name	MENAFERT Calcium Nitrate AQUA
Chemical name	Calcium dinitrate solution
Chemical Formula	$\text{Ca}(\text{NO}_3)_2$
Appearance	Colorless liquid

Chemical Composition

Calcium Nitrate ($\text{Ca}(\text{NO}_3)_2$)	51% w/w 76.5% w/v
Total Nitrogen (N)	8.7% w/w 13.0% w/v
Nitrate N (N- NO_3)	8.7% w/w 13.0% w/v
Ammoniacal N (N- NH_4)	< 0.015% w/w
Calcium Oxide (CaO)	17.5% w/w 26.2% w/v

Physical Properties

Density	1.5 kg/L
pH	3.0 - 4.5 (pure product) 5.0 - 7.0 (in 10% water solution)
Crystallization Temp	< -20°C