

# TECHNICAL DATA SHEET

## CAL- 12%

### Chemical & Physical Properties

Chemical Formula	Ca(NO <sub>3</sub> ) <sub>2</sub>
CAS Number	10124-37-5
Specific Gravity @ 68°F (17.8°C)	1.485
Salt-Out Temp	35°F (1.67°C)
Color	Clear to slight yellow
Odor	Odorless
Weight per Gallon	12.38 lbs/gal
pH	5.0 - 7.0
% Insoluble	< 0.01%

### Typical Analysis

% Calcium Nitrate (Ca(NO <sub>3</sub> ) <sub>2</sub> )	49.00% Min
% Calcium Nitrate Tetrahydrate (Ca(NO <sub>3</sub> ) <sub>2</sub> -4H <sub>2</sub> O)	70.00% Min
Total Nitrogen (N)	8.50%
8.50% Nitrate Nitrogen	
Calcium (Ca)	12.00%



### Description

Calcium Nitrate Solution, 12% Calcium (Ca), is clear, light-yellow to colorless liquid with no significant odor. CAL-12 is an "ammonia-free" liquid Calcium Nitrate Solution ideal for use in a variety of industrial applications, including water treatment systems and concrete admixtures. To avoid the formation of insoluble precipitates, do not mix with phosphate, or sulfate based materials.

### Availability

Calcium Nitrate Solution is available for shipment via:

- Rail Car: 200,000 lbs.
- Bulk Tanker: 48,000 lbs.
- 275 Gallon IBC: 3,350 lbs.

The data presented herein are believed to be accurate but are in no way guaranteed. TradeMark Nitrogen Corp. makes no warranties, express or implied, that any of the above data is fit for any particular use and expressly disclaims all oral warranties of any kind.



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