

FERRIC NITRATE 41% SOLUTION

Chemical & Physical Properties

Chemical Formula	Fe(NO ₃) ₃
CAS Number	10421-48-4
Specific Gravity @ 60°F (17.8°C)	1.43
Salt-Out Temp	50°F (-34.4°C)
Color	Reddish brown
Odor	No odor detected
Weight per Gallon	11.93 lbs/gal (1.43 kg/L)
pH	1.0 - 1.5



Typical Analysis

Ferric Nitrate (Fe(NO ₃) ₃)	41.0%
Nitrogen (N)	7.00%
7.00% Nitrate Nitrogen	
Iron (Fe)	9.50%
H ₂ O Insolubles	< 0.01%
Chloride (Cl)	< 0.01%
Copper (Cu)	< 0.01%
Lead (Pb)	< 0.01%
Zinc (Zn)	< 0.01%

Description

Ferric Nitrate Solution, Fe(NO₃)₃, is a high-purity, reddish-brown solution. As a vital plant nutrient, Ferric Nitrate is used to provide a source of Iron (Fe) in both soil and foliar fertilizer applications. Ferric Nitrate Solution can be utilized in the manufacturing of chelates and other micronutrient mixtures.

Availability

Ferric nitrate solution is available for shipment via:

- Bulk Tanker: 48,000 lbs.
- 275 Gallon IBC: 3,200 lbs.
- 55 Gallon Drum: 600 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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