

AT A GLANCE

COPPER NITRATE SOLUTION 14%

Description

Copper Nitrate 14% Cu is a blue transparent liquid that is produced using the highest quality copper. It can be used to correct Copper (Cu) deficiencies in soils and it is also compatible with many liquid fertilizers, micronutrients, herbicides, pesticides, and water. As a fertilizer Cu is involved in building and converting amino acids to proteins and also functions in chlorophyll formulation.

Handling & Storage

Always conduct a jar test with new tank mixes to verify compatibility.
Store in a cool place out of direct sunlight. Location should be inaccessible to children, pets, domestic animals and/or wildlife.

Function of Copper in Plants

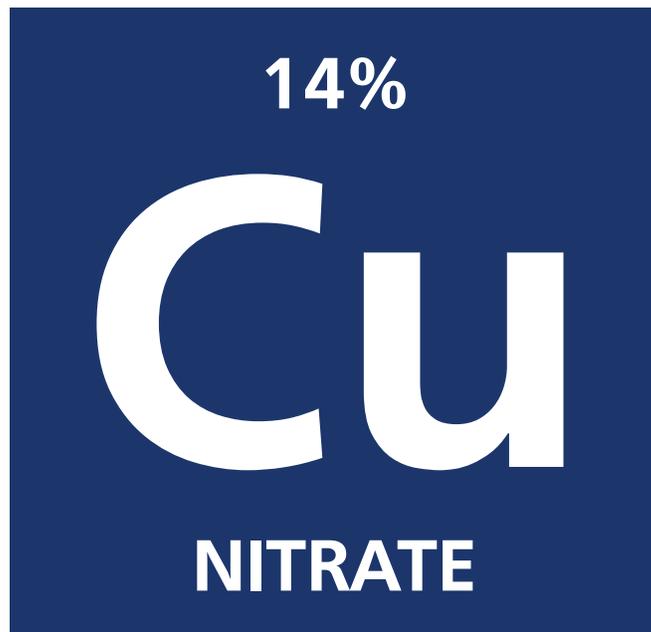
- Converting amino acids to Proteins
- Functions in chlorophyll formulation

Symptoms of Copper Deficiency

- Leaf cupping
- Yellowing and/or necrotic spots
- Immobile in plants so symptoms show in new leaves first

Availability

Bulk or IBCs



Chemical & Physical Properties

Chemical Formula	Cu(NO ₃) ₂
CAS Number	3251-23-8
pH	<1.0
Specific Gravity @ 60°F (17.8°C)	1.48
Salt-Out Temperature	< 2.0°F (-16.7°C)
Color	Clear blue liquid
Odor	Acrid odor
Weight per Gallon @ 60F (15.5°C)	12.32 lbs/gal (1.48 kg/L)

Typical Analysis

Copper (Cu)	14.0%
Nitrogen (N)	6.0%

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.



TradeMark Nitrogen Corp.

1216 Old Hopewell Road
Tampa, Florida 33619 USA

www.trademarknitrogen.com
813 626 1181