AT A GLANCE

ZINC NITRATE 17%

Description

Zinc Nitrate Solution is produced using the highest quality and purity French process zinc oxide, which consists of crystallites of relatively fine particle size. It is a colorless to pale yellow solution, that is compatible with many liquid fertilizers, micro-nutrients, pesticides, and water. It mixes easily with calcium nitrate, copper nitrate, ammonium nitrate, magnesium nitrate, copper nitrate, manganese nitrate and ferric nitrate.

Handling & Storage

Always conduct a jar test with new tank mixes to verify compatibility. It is recommended the product be stored above 60°F at all times. Store in a cool place out of direct sunlight. Do not use aluminum, copper or mild steel for storage.

Environmental Considerations

As zinc nitrate solution is a hazardous oxidizing liquid, spillage of the liquid must be contained. Secondary containment around tanks must be constructed to control leaks. Wash water should not be permitted to enter sewers or streams.

Function of Zinc in Plants

- Enzyme activation and metabolism
- Hormone (Auxin) synthesis and growth regulation
- Photosynthesis and chlorophyll production
- Reproduction and seed/fruit development

Symptoms of Zinc Deficiency

- Young leaves show first
- Interveinal chlorosis & shortened internodes

Availability

Bulk, IBCs, Drums

Zinc Nitrate Solution is hazardous and classified as an oxidizer. The US Department of Transportation proper shipping name is: UN1514, Zinc Nitrate Solution, 5.1, PG II. The Emergency Response Guidebook Number is 140. Zinc Nitrate Solution transported in bulk or IBCs must be placarded.

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.

17%

Zn

NITRATE

Chemical & Physical Properties

Chemical Formula	$Zn(NO_3)_2$
CAS Number	7779-88-6
pH	1.5 - 3.0
Salt-Out Temperature	45°F (7°C)
Color	Colorless
Odor	No significant odor
Weight per Gallon @ 60F (15.5°C)	13.3 lbs/gal (1.59 kg/L)

Typical Analysis

Total Nitrogen (N) 7.0% Nitrate Nitrogen	7.0%
Zinc (Zn) Derived from Zinc-Nitrate	17.0%

MANUFACTURED IN THE USA

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