



Specialized in chemicals

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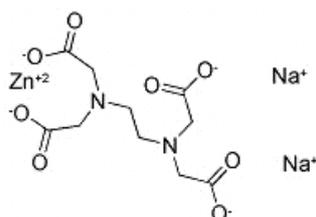
Technical Data Sheet

EDTA Zn Na₂

Product Information

Chemical Name	EDTA Zn Na ₂
CAS #	14025-21-9
Formula	C ₁₀ H ₁₂ N ₂ Na ₂ O ₈ Zn
Molecular Weight	399.59942
Synonyms	Disodiumzinc ethylenediaminetetraacetate; EDTA zinc disodium salt;

Structural formula:



Physical Properties

The chemical name of EDTA chelated zinc is ethylenediaminetetraacetic acid, zinc-disodium complex or EDTA-ZnNa₂. Its molecular weight is 399.6 and the solubility in water is approx.1000 g/L (20° C). Its bulk density is pprox. 800~1000 kg/m³ (untapped).

Specification

Items	Specifications
Product name	Ethylenediaminetetraacetic acid,zinc disodium complex
Molecular Formula	C ₁₀ H ₁₂ N ₂ O ₈ ZnNa ₂
Molecular Weight	399.6

Appearance	white powder
Zn Chelated	≥15%
Cl	≤0.1%
Solubility in water	About 1000g / l (20 ° C), about 1200g / l (80 ° C)
pH Value (1% water solution)	6-7

Applications

Features of EDTA chelated organic fertilizer:

Equipped with the latest science and technology, according to the physiological characteristics and nutrients absorption regulation of plant, the agricultural scientists developed this multi-function biological agent;

Chelated micronutrients foliar fertilizer;

Contain various and sufficient nutrients including amino acid and micronutrients for plant;

Increase the chlorophyll content and enhance the plant photosynthesis so as to strengthen the protein synthesis;

Promote new roots and strengthen vine branches, improve resistibility to various deficiencies like yellow leaves, lobules, red leaves, rotten roots, black roots and physiological fruit drop;

Promote flower-formation and improve quality and output to 20%;

Improve self-immunity and enhance resistance to disease, insects, drought, cold and lodging;

Free from contamination and without residue, suitable for the production of green and pollution-free foods.

Application Method: dilute 2500 times -3500 times, 7~10 days one time. generally require spraying 2-3 times, and foliar spray or flushes.

Packaging

- 1) 25 KG Kraft paper bag with PVC film inside
- 2) 25 KG drum packing
- 3) 1KG Aluminum Foil Bag , and 20bags put into one 20KG Carton Box
- 4) 500KG jumbo bag
- 5) 1kg aluminum bag or(1kg plastic bag)/1kg color box 20 color boxes 20kgs/ctn

Storage & Handling

Keep in a cool, dry, dark location in a tightly sealed container or cylinder. Keep away from incompatible materials, ignition sources and untrained individuals. Secure and label area. Protect containers/cylinders from physical damage.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

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