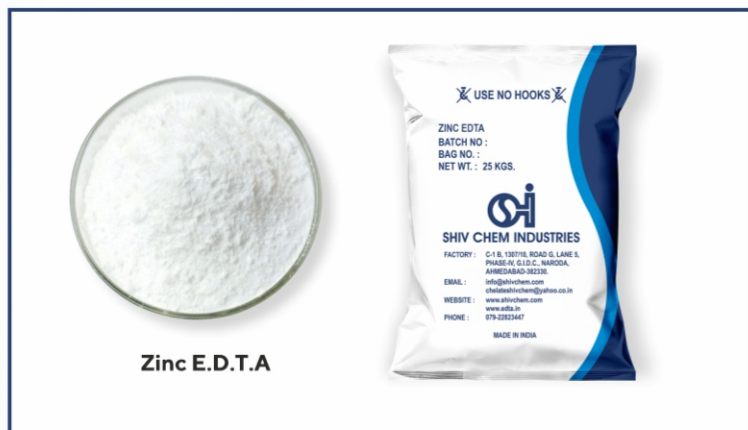


ZINC EDTA (CHELATED ZINC)



Zinc E.D.T.A

General Specification

1	C.A.S. No	14025-21-9
2	Chemical Formula	$C_{10}H_{12}N_2O_8Na_2Zn \cdot 2H_2O$
3	Physical Appearance	Powder
4	Color	White
5	Molecular Weight	435.00
6	Active Content	12.0% $\pm$ 1.0%
7	pH In 5% Solution	4.00 to 7.00
8	Solubility	Soluble in Water

Note: - Zinc E.D.T.A 14.0% is also available on request.

Description

A high Grade of zinc EDTA is manufacture by Shiv chem industries since 1987. We are leading manufacture and Exporter of Zinc EDTA. Zinc EDTA is a metal chelator agent or sequestering agent. It is a white free flow powder. It is soluble in water. Zinc EDTA is manufactured by reaction of EDTA acid, distilled water and caustic flakes and zinc oxide at higher temperature. It is also called chelated zinc, Zinc EDTA, EDTA disodium zinc or Ethylene Diamine tetra acetic acid zinc.

Handling

Zinc EDTA causes serious irritant to eyes and skin. While handling this product, please wear goggles, gloves and safety shoes. Handle with care, no hooks allowed. In case of large spillage wash it with plenty of water. In case of injury to skin, wash it with water and then wash thoroughly with neutral soap and water. Regardless of the seriousness of the case, medical attention should be sought.

Storages

Zinc EDTA is stored in a cool dry place. Ensure proper ventilation in storage area. Keep them away from heat sources, direct sun light and moisture. It is stored in container made of, or lined with polyethylene, polypropylene or high density polyethylene.

Packing

Zinc EDTA is packed in 25 Kgs HDPE bag / Paper bag containing polyethylene liner inside, or as per customer's requirement.

Applications

Zinc EDTA is a water-soluble micronutrient fertilizer that helps plants grow and develop. It's used to treat zinc deficiencies, improve plant health, and increase crop yield.

Zinc EDTA is commonly used as a foliar application in horticulture crops to address zinc deficiencies.

Zinc EDTA has been used as a chelating agent to enhance elimination of certain toxic metals. It also binds with heavy metals in the body.

Zinc EDTA can help with zinc deficiencies that cause stunted growth, blossom drop, and leaf distortion and can help plants grow larger and produce good quality fruits and vegetables. Also helps improve soil structure and nutrient availability.

Zinc EDTA can be applied as a foliar sprays and agricultural chemical sprays.

Zinc EDTA is a metal ion chelator used to reduce blood concentrations and depot stores of lead from the body. Also used in manganese poisoning & certain heavy radioisotopes.



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