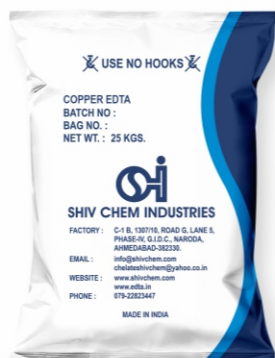


COPPER EDTA (CHELATED COPPER)



Copper E.D.T.A



General Specification

1	C.A.S. No	39208-15-6
2	Chemical Formula	$C_{10}H_{12}N_2O_8Na_2Cu \cdot 4H_2O$
3	Physical Appearance	Powder
4	Color	Blue
5	Molecular Weight	469.80
6	Active Content	12.0% $\pm$ 1.0%
7	pH In 5% Solution	4.0 to 7.0
8	Solubility	Soluble in Water

Description

A high grade of Copper EDTA is manufactured by Shiv Chem industries since 1987. We are leading manufacture and Exporter of Copper EDTA. Copper EDTA is a metal chelator agent or sequestering agent. It is a light blue free flow powder. It is soluble in water. Copper EDTA is manufactured by reaction of EDTA acid, distilled water, caustic flakes and copper oxide or copper sulphate at high temperature. It is also called chelated copper EDTA, Cu EDTA, Ethylene diamine tetra acetic acid copper, Copper-disodium complex or copper disodium ethylene diamine tetra acetic Acid.

Handling

Copper 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

Copper EDTA salt 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

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

Applications

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

Copper EDTA is commonly used as a foliar application in horticulture crops to address Copper deficiencies. Copper EDTA can be applied as a foliar sprays.

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

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

Copper EDTA is used in to improve stability in agricultural chemical sprays.

Copper EDTA is a metal ion chelator used to in lead and manganese poisoning & certain heavy radioisotopes.



SHIV CHEM INDUSTRIES



+91-79-22823447 | +91- 98255 77277 | +91-98253 12613
+91-99259 77277 | +91- 95588 77277



Chelateshivchem@yahoo.co.in | info@shivchem.com
sales@shivchem.com



www.shivchem.com | www.edta.in
www.shivchemindustries.com | www.shivchemindustries.in



Address: C-1/B, 1307/10, Road-G, Lane-5, Phase-IV,
GIDC Naroda, Ahmedabad - 382330, Gujarat, India.



Mumbai Office : B-004, Poornima Apts, 23 Pedder Road,
Mumbai - 400026, Maharashtra.



Contact :- 022-23523091, 022-23520235, +91-98210 38627