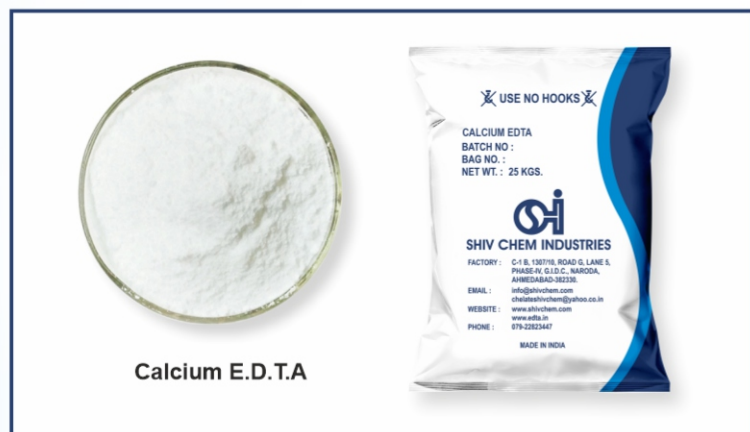


CALCIUM EDTA (CHELATED CALCIUM)



Calcium E.D.T.A

General Specification

1	C.A.S. No	23411-34-9
2	Chemical Formula	$C_{10}H_{12}N_2O_8Na_2Ca \cdot 2H_2O$
3	Physical Appearance	Powder
4	Color	White
5	Molecular Weight	410.28
6	Active Content	10.0% $\pm$ 1.0%
7	pH in 5% Solution	5.0 to 8.0
8	Solubility	Soluble in Water

Description

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

Handling

Calcium 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

Calcium 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

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

Applications

Calcium EDTA has been used as a chelating agent to enhance elimination of certain toxic metals.

Calcium EDTA is a water-soluble micronutrient fertilizer that helps plants grow and develop.

Calcium EDTA can help with calcium deficiencies that cause stunted growth, blossom drop, and leaf distortion.

Calcium EDTA can help plants grow larger and produce more fruits and vegetables.

Calcium EDTA binds with heavy metals in the body. It is used to treat lead poisoning.

Calcium EDTA can help improve soil structure and nutrient availability and can be applied as a foliar spray. It can be used in trickle irrigation systems.

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

Eye drops containing calcium EDTA are used to treat calcium deposits in the eye.



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