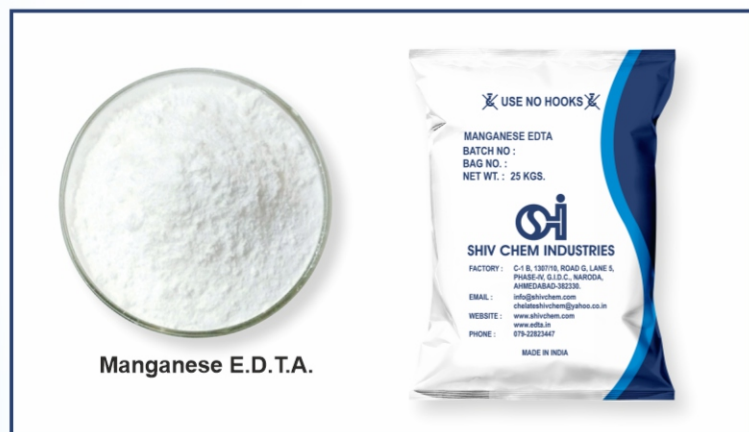


MANGANESE EDTA (CHELATED MANGANESE)



Manganese E.D.T.A.

General Specification

1	C.A.S. No	15375-84-5
2	Chemical Formula	$C_{10}H_{12}N_2O_8Na_2Mn \cdot 3H_2O$
3	Physical Appearance	Powder
4	Color	Off White
5	Molecular Weight	443.17
6	Active Content	12.0% $\pm$ 1.0%
7	pH In 5% Solution	5.0 to 8.0
8	Solubility	Soluble in Water

Description

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

Handling

Manganese 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

Manganese 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

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

Applications

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

Manganese EDTA is a metal ion chelator used to reduce zinc poisoning & certain heavy radioisotopes.

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

Manganese EDTA can help with Manganese deficiencies that cause stunted growth, blossom drop, and leaf distortion and can help plants grow larger and produce more fruits and vegetables.

Manganese EDTA also helps improve soil structure and nutrient availability. Manganese EDTA can be applied as a foliar sprays.

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

Manganese EDTA is use to improve stability agricultural chemical sprays.



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