

EDTA BORON



General Specification

1	C.A.S No	7440-42-8
2	Chemical formula	$C_{10}H_{12}N_2O_8Na_2Co.2H_2O$
3	Physical appearance	Powder
4	Colour	Brown or dark
5	Molecular weight	10.81
6	Active content	
7	Chelation Value	
8	pH in 1% Solution	
9	Specific gravity	2.34 ~ 2.37
10	Solubility	Insoluble in water

Description

A high grade of EDTA Boron is manufactured by Shiv Chem industries since 1987. We are leading manufacture and Exporter of EDTA Boron. EDTA Boron salt is a chelating agent or sequestering agent. EDTA Boron salt is a free flow maroon colour powder. It is soluble in water. It is also called boron EDTA, boron salt of EDTA and Ethylene Diamine tetra acetic acid boron salt or Co-EDTA, chelated boron.

Handling

EDTA Boron causes serious irritant to eyes and skin. While handling this product, please wear goggles, gloves, and rubber boots. 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

EDTA Boron 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

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

Applications

EDTA Boron has several uses, including as a chelating agent, an antidote, and a correction for cobalt deficiencies. EDTA Boron is used to treat cyanide poisoning. It binds to cyanide ions in the bloodstream, making them inactive and safe to excrete. EDTA Boron is a metal chelator used to dissolve metallic impurities in the food processing industry. EDTA Boron is used to correct cobalt deficiencies in plants. EDTA Boron is used in veterinary medicine and food processing. EDTA Boron is used to correct cobalt deficiencies in animals. It is used as a therapeutic agent for treating anemia. EDTA Boron can be used in fertigation and as a foliar feed. Also use as micronutrient for deficiency of Boron.



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