

EDTA COBALT



General Specification

1	C.A.S No	15137-09-4
2	Chemical Formula	$C_{10}H_{12}N_2O_8Na_2Co.2H_2O$
3	Physical Appearance	Powder
4	Colour	Maroon
5	Molecular Weight	429.15
6	Cobalt Content	12.00 % \pm 1.00 %
7	pH in 5% Solution	5.0 TO 8.0
8	Solubility	Soluble in Water

Description

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

Handling

EDTA Cobalt 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

EDTA Cobalt 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

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

Applications

Cobalt EDTA has several uses, including as a chelating agent, an antidote, and a correction for cobalt deficiencies.

Cobalt EDTA is used to treat cyanide poisoning. It binds to cyanide ions in the bloodstream, making them inactive and safe to excrete.

Cobalt EDTA is a metal chelator used to dissolve metallic impurities in the food processing industry.

Cobalt EDTA is used to correct cobalt deficiencies in plants.

Cobalt EDTA is use in veterinary medicine and food processing.

Cobalt EDTA is used to correct cobalt deficiencies in animals. it is used as a therapeutic agent for treating anemia.

Cobalt EDTA can be used in fertigation and as a foliar feed. Also use as micronutrient for deficiency of Cobalt.



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