



Bhakti Chemicals Pvt Ltd

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TECHNICAL DATA SHEET OF EDTA Copper 14 % (Chelated Copper)

Chemical Name – EDTA COPPER 14%

CAS No.: 14025-15-1

Molecular Formula: $C_{10}H_{12}CuN_2Na_2O_8$

Molecular Weight : 397.73

Structural Formula:

EDTA Copper 14% (Chelated Copper)

Specification:

Product	Copper EDTA / Chelated Copper
Synonyms	Copper EDTA, Chelated Copper, Copper Disodium EDTA, Ethylenediamine Tetra Acetic Acid Copper Disodium Salt.
Molecular Formula	$C_{10}H_{12}CuN_2Na_2O_8$
CAS No.	14025-15-1
Molecular weight	397.73
Appearance &Color	Blue Powder
pH of 1% Solution	6.0 to 7.0
Solubility	Soluble in Water, Clear Solution
Copper Content	14% (+/- 1) as Cu

Uses / Application of Copper EDTA

Copper EDTA is a Sequestering Agent. Copper EDTA is used by the plants as a catalyst in the process of respiration. Copper EDTA plays an important role in several enzyme systems & in carbohydrate & protein metabolism.

Package and Storage:

Packed in 25 Kg HDPE Bags / stored in cool, dark, ventilated and dry places