



Bhakti Chemicals Pvt Ltd

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TECHNICAL DATA SHEET OF EDTA Zinc 12 % (Chelated Zinc)

Chemical Name – EDTA ZINC 12%

CAS No.: 14025-21-9

Molecular Formula: $C_{10}H_{12}N_2Na_2O_8Zn$

Molecular Weight : 435.602

Structural Formula:

Specification:

Product	EDTA Zinc 12%
Synonyms	Zinc EDTA Chelate / Zinc EDTA / Chelated Zinc / EDTA Zinc Disodium Salt
CAS No.	14025-21-9
Molecular Formula	$C_{10}H_{12}N_2O_8Zn.2Na$
Molecular weight	435.602
Color	White Crystalline Powder
Assay	99% Minimum
pH of 1% Solution	6 to 7
Solubility	Soluble in Water, Clear Solution
Zinc Content	12% Min as Zn

Uses / Application of Zinc EDTA

Zinc EDTA is a Sequestering Agent. Zinc EDTA is generally used in Agriculture application to prevent Zinc deficiency of Plants. Zinc EDTA is highly effective than Zinc Sulphate since Plants can easily absorb Zinc from Zinc EDTA unlike in the case of Zinc Sulphate.

Package and Storage:

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