



# Bhakti Chemicals Pvt Ltd

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## TECHNICAL DATA SHEET OF EDTA Ferric 12 % (Chelated Ferric)

Chemical Name – EDTA FERRIC 12%

CAS No.: 15708-41-5

Molecular Formula:  $C_{10}H_{12}O_8N_2FeNa.2H_2O$

Molecular Weight : 426.067

Structural Formula:

### EDTA Ferric 12% (Chelated Ferric)

#### Specification:

Product	EDTA Ferric 12%
Synonyms	Iron EDTA / Ferric EDTA / EDTA Ferric Sodium
CAS No.	15708-41-5
Molecular Formula	$C_{10}H_{12}O_8N_2FeNa.2H_2O$
Molecular weight	426.067
Appearance & Color	Light Yellow Tan Powder
pH of 1% Solution	4.5 to 6.0
Solubility	Soluble in Water, Clear Solution
Ferric Content	12% Min as Fe

#### Uses / Application of Ferric EDTA

Iron EDTA is a Sequestering Agent, which is used in Agriculture application for preventing Iron Deficiency in Plants. Iron EDTA is used to reduce Fe-chlorosis in variety of Plants.

#### Package and Storage:

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