



NEW ALLIANCE FINE CHEM PRIVATE LIMITED

We make Chemistry Work For You...

(An ISO 9001:2015, ISO 22000:2018, ISO 14001:2015, ISO 45001:2018 Certified Company)
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TECHNICAL DATA SHEET

EDTA ACID (TECHNICAL GRADE)

INFORMATION ON EDTA ACID (TECHNICAL GRADE)

EDTA Acid is a Sequestering / Chelating Agent. It is a white crystalline powder & insoluble in water. It is widely used to dissolve metallic impurities even at neutral pH. It grabs metallic cation such as lead or calcium from the process and forms a stable compound that is then excreted from the system. The stability of this bond is vital to get the success in removing the inorganic impurities out of the system. New Alliance Fine Chem Pvt. Ltd. is the leading manufacturer of EDTA.

Product Code No.	E001
Synonyms	Ethylenediaminetetraacetic acid; (ethane-1,2-diamine) tetraacetic acid; aminopolycarboxylic acid; N,N'-(Ethane-1,2-diyl)bis [N-(carboxymethyl)glycine]
CAS No.	60-00-4
H.S. Code No.	29224990
Molecular Formula	$C_{10}H_{16}N_2O_8$
Molecular Weight	292.24
Description	A white crystalline powder.
Solubility	Insoluble in water, soluble in all alkalies.
pH (5%w/v suspension)	NLT 2.0
Assay	NLT 98.0%w/w
Packing	25 kg HDPE Bag / Drum
Application	EDTA is a sequestering / chelating agent with many uses, in medical treatment for lead poisoning & heavy metal removing from body. It forms water soluble metal chelate with various metals like zinc, iron etc., which are used in agriculture as a micronutrient, Laboratory Reagent & scale removal in boiler, cleaning agent in detergents, shampoo, soap, & cosmetics & as a stabilizer, as a food Preservative and stabilizer, textile-dyeing process, oxidizing agent photography as bleaching agent, , anticoagulant of blood tube in pathology.

- 1) Name of the Manufacturer: NEW ALLIANCE FINE CHEM PVT. LTD.
- 2) The parameters are in accordance with our In-house specifications. The product can also be offered based on customized or modified specifications as per customer's request.
- 3) Product Hazard Category: Non-Hazardous Product.