



*Specialized in chemicals*

Hefei TNJ Chemical Industry Co.,Ltd.

B911 Xincheng Business Center,  
Qianshan Rd. Hefei 230022 China

Tel : (0086) 551 5418695

Fax: (0086) 551 5418697

Email: info@tnjchem.com

Site: www.tnjchem.com

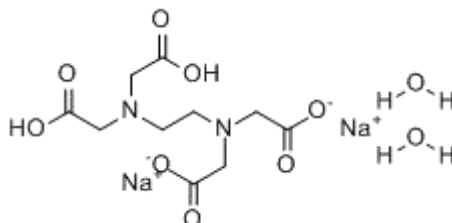
## Technical Data Sheet

### EDTA 2Na

#### Product Information

Chemical Name	Disodium edetate dihydrate
CAS #	6381-92-6
EINECS	205-358-3
Formula	$C_{10}H_{14}N_2Na_2O_8 \cdot 2(H_2O)$
Molecular Weight	372.23
Synonyms	EDTA disodium salt dihydrate; Ethylenediaminetetraacetic acid disodium salt dihydrate;

Chemical Structure



#### Description

Disodium edetate dihydrate is a kind of white crystalline powder. Soluble in water, insoluble in ethyl alcohol, esters and diethyl ether.

#### Physical Properties

Melting point, °C .	252
PH (5% liquor)	4-6

#### Specification

##### 1) Industrial Grade

Appearance	White crystalline powder
Assay	$\geq 99.00\%$
Chloride (Cl)	$\leq 0.01\%$
Sulphate (SO <sub>4</sub> )	$\leq 0.05\%$

Heavy Metals (Pb)	≤0.001%
Iron (Fe)	≤0.001%
Chelating Capacity	≥265mgCaCO <sub>3</sub> /g
PH	4.0 ~ 5.0

## 2) Cosmetics Grade

Appearance	White crystalline powder
Assay	≥99.50%
Chloride (Cl)	≤0.01%
Sulphate (SO <sub>4</sub> )	≤0.05%
Heavy Metals (Pb)	≤0.001%
Iron (Fe)	≤0.001%
Chelating Capacity	≥267mgCaCO <sub>3</sub> /g
PH	4.0 ~ 5.0
NTA	≤0.1%

## Safety

Disodium edetate dihydrate is a stimulating substance , avoid to touch eye.  
Always refer to the Material Safety Data Sheet (MSDS)

## Applications

Disodium edetate dihydrate serves as an excellent complexing agent.

It can be used in/with:

- detergent
- dyeing assistant
- fiber processing agent
- cosmetic ingredients
- food additives
- agricultural micronutrient fertilizer and aquaculture
- pH regulators in the dyeing of wool and polyamide fibers
- polymerization initiator
- heavy metal quantitative analysis of the agent

## Packaging

25kg pp woven bag;

Total 20MT with pallets and 22MT without pallets per 20ft container

## Storage & Handling

Disodium edetate dihydrate has an almost unlimited shelf life in unopened containers when properly stored in a protected storage area. This product is common goods on transportation, Materials recommended for storage tanks are paper bag or fiber drum.

Please refer to the Materials Safety Data Sheet (MSDS) for the handling methods.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and

disposal.

*The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchant ability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if we has been advised of the possibility of such damages.*

**Hefei TNJ Chemical Industry Co.,Ltd.**

B911 Xincheng Business Center  
Qianshan Road, Hefei  
230022 Anhui  
China

Tel : (0086) 551 5418695  
Fax: (0086) 551 5418697  
Email: [info@tnjchem.com](mailto:info@tnjchem.com)  
Site: [www.tnjchem.com](http://www.tnjchem.com)