



Siddharth Chlorochem PVT LTD

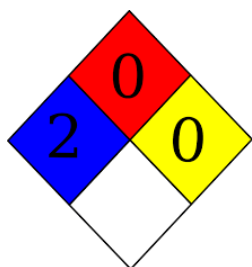
## Material Safety Data Sheet

MSDS No: SCPL/008

Preparation Date: April/2020

Revision Date: May/2022

Product Name: EDTA Tetra Sodium Salt



Reactivity	0
Fire	0
Health	2

### 1. IDENTIFICATION OF PRODUCT/DETAILS OF MANUFACTURING COMPANY

Product Name	EDTA Tetra Sodium Salt
Product Code	SCPL/008
Product use	General purpose, Chemical reaction and Synthesis
Company Name	Siddharth Chlorochem Pvt. Ltd.
Postal address	Plot No: 313 Phase II GIDC Panoli, Dist: Bharuch, Guj, India
Telephone	+91 2646 272406
Fax	+91 2646 272691
E-mail	<a href="mailto:director@siddharthchlorochem.com">director@siddharthchlorochem.com</a>

### 2. CHEMICAL INFORMATION ON INGRADIENTS

Physical Property	Solid, powder form			
Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>	<u>Hazard</u>
	Ethylene diamine	64-02-8	99% min	Yes (Read entire MSDS)
	Tetra acetic acid			
	Tetra sodium salt			
Chemical structure	ClOH12N2O8.4Na 2H2O			



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### 3. HAZARDS IDENTIFICATION

- a. Harmful if swallowed
- b. Irritating to eyes & skin
- c. No fire hazards, non-flammable powder
- d. Harmful to aquatic organisms

### 4. FIRST AID MEASURES

<b>Inhalation</b>	Remove victim to fresh air. Take medical assistance, if necessary
<b>Ingestion</b>	Rinse mouth with plenty of water, then drink plenty of water do not Induce vomiting, seek medical attention.
<b>Skin</b>	Wash affected area with water. Remove contaminated clothing & Re-use after wash.
<b>Eye</b>	Wash affected eye with plenty of water for at least 15 minutes. Take Medical attention if required.
<b>Advice to Doctor</b>	Treat Symptomatically.

### 5. FIRE FIGHTING MEASURES

<b>Fire hazards</b>	Non-flammable
<b>Extinguishing media</b>	Water spray, carbon dioxide foam or dry agent.
<b>Precaution</b>	Fire fighters should wear full protective clothing with breathing apparatus

### 6. ACCIDENTAL RELEASE MESURES

<b>Spills &amp; Disposal</b>	Sweep up spills together with dust blinding agent or use a vacuum cleaner. Clean up personnel should wear protective glasses and dust mask. Place waste in labelled drums for disposal by incineration.
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## 7. HANDLING AND STORAGE

<b>Storage</b>	Store in a cool dry place. Store away from humidity/water. Keep container/bags sealed. Avoid dust formation.
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## 8. EXPOSURE CONTROLS/PERSONEL PROTECTION

<b>Exposure information</b>	We recommend the following for nuisance dusts: TWA 10 mg/m <sup>3</sup>
<b>Respiratory</b>	Avoid inhalation of dust
<b>Eye protection</b>	Avoid contact with eyes
<b>Personnel protective Equipment</b>	Safety glasses and gloves recommended and dust mask in accordance with AS1715 and AS1716. Ensure safety shower and eye wash station are immediately available.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	White crystalline solid powder form
<b>Melting point</b>	Approx. 400 degree C
<b>PH value</b>	10.0 to 11.5
<b>Volatile compound</b>	Not available
<b>Flash point</b>	100 degree C
<b>Flammability</b>	Non-flammable
<b>Ignition</b>	> 200 degree C
<b>Molecular Wt.</b>	416.21
<b>Solubility in water</b>	very good

## 10. STABILITY AND REACTIVITY

<b>Reaction hazard</b>	Not any seen
<b>Haz polymerization</b>	Not possible
<b>Decomposition product</b>	Sodium monoxide, nitrogen oxides.



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#### 11. TOXICOLOGICAL INFORMATION

<b>Toxicology</b>	Actuate oral toxicity: LD50 1000-2000 mg/Kg (rat)
<b>Irritating</b>	Actuate skin irritation: non-irritant (rabbit)
<b>Inhalation</b>	Is likely to cause respiratory irritation
<b>Ingestion</b>	Harmful if swallowed in large quantity
<b>Skin</b>	Prolonged or repeated skin contact may cause irritation. It is likely To cause discomfort and effects such as moderate to serve itchiness Blistering and skin reddening.
<b>Eye</b>	This product is irritating to eyes. It will cause discomfort such as Stinging pain, watering and redness of the eyes. Effects may last after Exposure has ceased, and in severer exposures, long lasting or even Permanent effects such as corneal damage can occur.

#### 12. ECOLOGICAL INFORMATION

<b>Information on</b>	Fish 96h-150: 41-2070 mg/L Dophia 24h-EC50: 500 mg/L Algae 72h-IC50: 10-100 mg/L
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#### 13. DISPOSAL CONSIDERATION

<b>Waste disposal</b>	Small quantities of waste may be disposed together with industrial Waste to landfill in accordance with regulations.
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#### 14. TRANSPORT INFORMATION

<b>U.N. Number</b>	Not Regulated
<b>DOT Classification:</b>	<b>Not a DOT controlled material.</b>
A non-hazardous product for Land, Maritime and Air transport.	
No restrictions and labeling is required.	
NOT DANGEROUS & NOT RESRICTED AS PER IATA REGULATIONS	



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#### 15. REGULATORY INFORMATION

<b>Safety Phrase</b>	In case of contact with eyes rinse immediately with plenty of water And take medical attention.
<b>Poisons Schedule</b>	NA
<b>Hazard category</b>	Non-flammable, Irritating to eyes

#### 16. OTHER INFORMATION

<b>Contact person</b>	Mr. Hitesh Shah Tech Director of Siddharth Chlorochem Pvt. Ltd. Tele: +91 980 702 6666 Any advice, recommendation, information, assistance or service Provided by Siddharth Chlorochem Pvt. Ltd. In relation to the goods Supplied by it or their use or application is given in good faith & believed to be appropriate and reliable. However, it is provided with the disclaimer for any liability or responsibility on the part of Siddharth Chlorochem Pvt. Ltd. The customer accepts all risk and responsibility for use of the goods alone, or in combination with the other products. All warranties, guarantees and conditions, other than those expressly stated. In case of any dispute Indian laws for the same is applicable.
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