



Siddharth Chlorochem PVT LTD

Material Safety Data Sheet

MSDS No: SCPL/006

Preparation Date: August/1999

Revision Date: May/2022

Product Name: EDTA Di-Sodium Salt



Reactivity	0
Fire	0
Health	1

1. IDENTIFICATION OF PRODUCT/DETAILS OF MANUFACTURING COMPANY

Product Name	EDTA Di-Sodium Salt
Product Code	SCPL/006
Product use	General purpose, Industrial Purpose
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	director@siddharthchlorochem.com

2. CHEMICAL INFORMATION ON INGREDIENTS

Physical Property	Solid, powder form, crystal form			
Ingredients	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>	<u>Hazard</u>
	Ethylene diamine	139-33-3	99% min	No
	Tetra acetic acid			
	Di-sodium salt			
Chemical structure	<chem>C10H14N2O8.2Na.2H2O</chem>			



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3. HAZARDS IDENTIFICATION

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

4. FIRST AID MEASURES

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

5. FIRE FIGHTING MEASURES

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

6. ACCIDENTAL RELEASE MEASURES

Spills & Disposal	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 labeled drums for disposal by incineration.
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7. HANDLING AND STORAGE

Storage	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

Exposure information	We recommend the following for nuisance fumes, dusts: TWA 10 mg/m ³
Respiratory	Avoid inhalation of dust
Eye protection	Avoid contact with eyes
Personnel protective Equipment	Safety glasses and gloves recommended and dust mask in accordance with AS1715 and AS1716.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White crystalline solid powder form
Melting point	Approx. 252 degree C (decompose)
PH value	4 to 6.5
Volatile compound	Not available
Flash point	>100 degree C
Flammability	Non-flammable
Ignition	> 200 degree C
Molecular Wt.	372.24
Solubility in water	very good

10. STABILITY AND REACTIVITY

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



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11. TOXICOLOGICAL INFORMATION

Toxicology	Acute oral toxicity: LD50 1000-2000 mg/Kg (rat)
Irritating	Acute skin irritation: non-irritant (rabbit)
Inhalation	Is likely to cause respiratory irritation
Ingestion	Harmful if swallowed in large quantity
Skin	Prolonged or repeated skin contact may cause irritation. It is likely to cause discomfort and effects such as moderate to severe itchiness Blistering and skin reddening.
Eye	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 severe exposures, long lasting or even permanent effects such as corneal damage can occur.

12. ECOLOGICAL INFORMATION

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

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

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



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15. REGULATORY INFORMATION

Safety Phrase	In case of contact with eyes rinse immediately with plenty of water And take medical attention.
Poisons Schedule	Not poison
Hazard category	Non-flammable, Irritating to eyes

16. OTHER INFORMATION

Contact person	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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