



**EDTA ® 0.1M (0.2N) for 500 ml Standard  
SOLUTION IN ACCORDANCE WITH  
NIST**

**MATERIAL SAFETY DATA SHEET  
SDS/MSDS**

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

**1.1 Product identifiers**

Product name : EDTA CPECTROSOL ® 0.1M (0.2N) for 500 ml Standard SOLUTION IN ACCORDANCE WITH NIST

Product Code : 829360

**1.2 Relevant identified uses of the substance or mixture and uses advised against**

Identified uses : Laboratory chemicals, Industrial & for professional use only.

**1.3 Details of the supplier of the safety data sheet**

Company : Central Drug House (P) Ltd  
7/28 Vardaan House  
New Delhi -110002  
INDIA

Telephone : +91 11 49404040

Email : [care@cdhfinechemical.com](mailto:care@cdhfinechemical.com)

**1.4 Emergency telephone number**

Emergency Phone # : +91 11 49404040 (9:00am - 6:00 pm) [Office hours]

**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

Not classified.

**Adverse physicochemical, human health and environmental effects**

No additional information available

**2.2 Label elements**

No Labelling applicable

**2.3 Other hazards**

No additional information available.

**SECTION 3: Composition/information on ingredients**

**3.1 Substances**

Not applicable

### 3.2 Mixture

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Water	(CAS-No.) 7732-18-5 (EC-No.) 231-791-2	70 - 99	Not classified
ETHYLENE DIAMINE TETRA ACETIC ACID DISODIUM SALT	(CAS-No.) 6381-92-6	25 - 50	Acute Tox. 4 (Oral), H302
METHYL-p-HYDROXYBENZOATE EXTRA PURE	(CAS-No.) 99-76-3	0.01 - 1	Eye Irrit. 2, H319 Skin Irrit. 2, H315 STOT SE 3, H335
PROPYL-4-HYDROXYBENZOATE EXTRA PURE	(CAS-No.) 94-13-3	0.01 - 1	Eye Irrit. 2, H319 Skin Irrit. 2, H315 STOT SE 3, H335

For the full text of the H-Statements mentioned in this Section, see Section 16.

#### SECTION 4: First aid measures

##### 4.1 Description of first aid measures

First-aid measures after inhalation : Assure fresh air breathing. Allow the victim to rest.  
First-aid measures after skin contact : Wash with plenty of water/....  
First-aid measures after eye contact : Rinse immediately with plenty of water.  
First-aid measures after ingestion : Rinse mouth.

##### 4.2 Most important symptoms and effects, both acute and delayed

No additional information available

##### 4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

#### SECTION 5: Firefighting measures

##### 5.1 Extinguishing media

Suitable extinguishing media : Carbon dioxide. Dry powder. Foam. Water spray.  
Unsuitable extinguishing media : Do not use a heavy water stream.

##### 5.2 Special hazards arising from the substance or mixture

No additional information available.

##### 5.3 Advice for firefighters

Protection against fire : Do not enter fire area without proper protective equipment, including respiratory protection.

#### SECTION 6: Accidental release measures

##### 6.1 Personal precautions, protective equipment and emergency procedures

###### 6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

###### 6.1.2. For emergency responders

Protective equipment : Use personal protective equipment as required.

##### 6.2 Environmental precautions

Avoid release to the environment.

##### 6.3 Methods and materials for containment and cleaning up

Methods for cleaning up : Collect spillage. On land, sweep or shovel into suitable containers.

##### 6.4 Reference to other sections

No additional information available.

## SECTION 7: Handling and storage

- 7.1 Precautions for safe handling** : Avoid contact with skin and eyes. Provide good ventilation in process area to prevent formation of vapour.
- Hygiene measures** : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.
- 7.2 Conditions for safe storage, including any incompatibilities**
- Storage conditions** : Store in a well-ventilated place. Keep container tightly closed.
- Storage - away from:** Strong bases, Strong acids, Sources of ignition, Direct sunlight.
- 7.3 Specific end use(s)**
- No additional information available

## SECTION 8: Exposure controls/personal protection

- 8.1 Control parameters**
- No additional information available
- 8.2 Exposure controls**
- Hand protection : Protective gloves
- Eye protection : Chemical goggles or safety glasses
- Skin and body protection : Wear suitable protective clothing
- Respiratory protection : [In case of inadequate ventilation] wear respiratory protection.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Clear Colorless.
Odour	: odourless.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 1 g/cm <sup>3</sup>
Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available

Oxidising properties : No data available

Explosive limits : No data available

## **9.2 Other safety information**

No additional information available.

## **SECTION 10: Stability and reactivity**

### **10.1 Reactivity**

No additional information available.

### **10.2 Chemical stability**

Stable under normal conditions.

### **10.3 Possibility of hazardous reactions**

No additional information available.

### **10.4 Conditions to avoid**

Air contact. Direct sunlight.

### **10.5 Incompatible materials**

No additional information available.

### **10.6 Hazardous decomposition products**

No additional information available.

## **SECTION 11: Toxicological information**

### **11.1 Information on toxicological effects**

**Acute toxicity** : Not classified

**Skin corrosion/irritation** : Not classified

**Serious eye damage/eye irritation** : Not classified

**Respiratory or skin sensitization** : Not classified

**Germ cell mutagenicity** : Not classified

**Carcinogenicity** : Not classified

**Reproductive toxicity** : Not classified

**STOT-single exposure** : Not classified

**STOT-repeated exposure** : Not classified

**Aspiration hazard** : Not classified

**Potential adverse human health** : Not classified

**Effects and symptoms**

## **SECTION 12: Ecological information**

### **12.1 Toxicity**

No additional information available.

### **12.2 Persistence and degradability**

No additional information available.

### **12.3 Bioaccumulative potential**

No additional information available.

### **12.4 Mobility in soil**

No additional information available.

### **12.5 Results of PBT and vPvB assessment**

No additional information available.

## 12.6 Other adverse effects

No additional information available.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

**Product/Packaging disposal** : Dispose of contents/container to hazardous or special waste collection point, recommendations in accordance with local, regional, national and/or international regulation.

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

### 14.1 UN number

UN-No. (ADR)	: Not applicable
UN-No. (IMDG)	: Not applicable
UN-No. (IATA)	: Not applicable
UN-No. (ADN)	: Not applicable
UN-No. (RID)	: Not applicable

### 14.2 UN proper shipping name

Proper Shipping Name (ADR)	: Not applicable
Proper Shipping Name (IMDG)	: Not applicable
Proper Shipping Name (IATA)	: Not applicable
Proper Shipping Name (ADN)	: Not applicable
Proper Shipping Name (RID)	: Not applicable

### 14.3 Transport hazard class(es)

#### ADR

Transport hazard class(es) (ADR) : Not applicable

#### IMDG

IATA Transport hazard class(es) (IMDG) : Not applicable

#### IATA

Transport hazard class(es) (IATA) : Not applicable

#### ADN

Transport hazard class(es) (ADN) : Not applicable

#### RID

Transport hazard class(es) (RID) : Not applicable

### 14.4. Packing group

Packing group (ADR)	: Not applicable
Packing group (IMDG)	: Not applicable
Packing group (IATA)	: Not applicable
Packing group (ADN)	: Not applicable
Packing group (RID)	: Not applicable

### 14.5. Environmental hazards

Dangerous for the environment	: No
Marine pollutant	: No
Other information	: No supplementary information available

### 14.6 Special precautions for user

#### - Overland transport

No data available

#### - Transport by sea

No data available

**- Air transport**

No data available

**- Inland waterway transport**

No data available

**- Rail transport**

No data available

**14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable

**SECTION 15: Regulatory information**

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

**15.1.1. EU-Regulations**

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

**15.1.2. National regulations**

Reference to AwSV : Water hazard class (WGK) 3, severe hazard to water (Classification according to AwSV, Annex 1)

12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

**Netherlands**

SZW-lijst van kankerverwekkende stoffen : None of the components are listed

SZW-lijst van mutagene stoffen : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling : None of the components are listed

**Denmark**

Recommendations Danish Regulation : Young people below the age of 18 years are not allowed to use the product

**15.2 Chemical safety assessment**

No additional information available.

## SECTION 16: Other information

Full text of H- and EUH-statements:

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H302	Harmful if swallowed.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.

### Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Central Drug House (P) Ltd and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product. See [www.cdhfinechemical.com](http://www.cdhfinechemical.com) for additional terms and conditions of sale.