



# Safety Data Sheet

## Hazard Information

Hazard information is provided for compliance with both the UK Chemicals (Hazard Information and Packaging) (CHIP) Regulations and the US Hazard Communication Standard (HCS).

## Chemical and Company Identification

Product name	Product code	
EDTA 0.5 M Solution	GR123-100	<i>For research use only.</i>

### Supplier

Hoefer, Inc.  
84 October Hill Road, Suite 10  
Holliston, MA 01746  
Phone: 800-227-4750  
508-893-8999

### Emergency Contact

ChemTel Inc.  
800-255-3924 (North America) +1-813-248-0585 (International)  
1-300-954-583 (Australia) 0-800-591-6042 (Brazil)  
000-800-100-4086 (India) 400-120-0751 (Peoples Republic of China)  
800-099-0731 (Mexico)

## Composition / Ingredients

Hazard	CAS No.	EC No.	%WT	Molecular Formula	Molecular Weight
EDTA disodium dihydrate	6381-92-6	205-358-3	5	C <sub>10</sub> H <sub>14</sub> N <sub>2</sub> Na <sub>2</sub> O <sub>8</sub>	380.35 g/mol
Water	7732-18-5	231-791-2	95	H <sub>2</sub> O	18.015 g/mol

## Hazards Identification

### GHS Classification:

Not hazardous according to GHS

### Potential Health Effects:

**Target Organs:** None

**Eyes:** May cause eye irritation.

**Skin:** May cause skin irritation.

**Inhalation:** May be harmful if inhaled.

**Ingestion:** May be harmful if ingested.

**Chronic Health Hazards:** None known.

## First Aid Measures

**Eyes:** Flush eyes with water. Consult a physician.

**Skin:** In case of contact, flush area immediately with water.

Get medical aid if irritation persists.

**Inhalation:** Remove victim to fresh air. Get medical aid if irritation persists.

**Ingestion:** Wash mouth with water. Get medical aid if any symptoms appear.

## Fire-Fighting Measures

**Flammable:** No

**Flash Point:** Not determined.

**Autoignition Temperature:** Not determined.

**Extinguishing Media:** Use water spray, foam, dry chemical or carbon dioxide.

**Explosion Data:** Not available.

## Accidental Release Measures

Ventilate the area. Wear appropriate protective equipment.

Avoid contact with skin, eyes and clothing.

## Methods for Containment and Clean Up:

Contain further leakage. Use absorbent material to clean up spills. Place in a suitable container. Dispose according to local regulations.

## Handling and Storage

**Handling:** Avoid contact. Do not get in eyes, on skin, or clothing. Wash thoroughly after handling. Wash contaminated clothing before reuse.

**Storage Conditions:** Room temperature

## Exposure Controls/Personal Protection

**Exposure limits:** ACGIH, HIOSH, OSHA, none listed  
Use adequate ventilation. Avoid spills.

**Personal protective Equipment:** Wear appropriate safety glasses and protective gloves/clothing.

**Engineering Measures:** Eye wash stations

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety practice. Wash hands before and after handling product.

## Physical and Chemical Properties

**Appearance:** Liquid

**Odor:** No information found.

**Odor Threshold:** No information found.

**Melting Point:** No information found.

**Boiling Point:** No information found.

**Specific Gravity:** No information found.

**Vapor Density:** No information found.

**Vapor Pressure:** No information found.

**Water Solubility:** Soluble

**pH:** 8.0

**Flash Point:** No information found.

**Ignition Temperature:** No information found.

**Autoignition Temperature:** No information found.

**Lower Explosion Limit:** No information found.

**Upper Explosion Limit:** No information found.

## Stability and Reactivity

**Stability:** Stable at normal room temperature and pressure.

**Conditions to Avoid:** Spillage

**Incompatibility** Strong oxidizing agents

**Hazardous Decomposition Products:** Carbon dioxide, carbon monoxide, nitrogen oxides and sodium oxides

**Hazardous Polymerization:** Has not been reported.

## Toxicological Properties

**Exposure Limits:**

**Oral LD<sub>50</sub>:** No information found.

**Inhalation LC<sub>50</sub>:** No information found.

**Dermal LD<sub>50</sub>:** No information found.

**Epidemiology:** No data available.

**Teratogenicity:** No data available

**Reproductive Effects:** No data available

**Neurotoxicity:** No data available

**Mutagenicity:** No data available

**Carcinogenicity:** Not listed by ACGIH, IARC, NTP, or CA

## Ecological Information

**Toxicity:** No information found.

## Disposal Considerations

**Waste Disposal:** Burn in chemical incinerator. Observe all Federal, provincial, and local regulations.

## Transportation Information

**Shipping Information:**

**US DOT:** Not regulated.

**IMDG:** Not regulated.

**IATA:** Not regulated.

## Regulatory Information

**WHMIS:** Not controlled.

This data sheet is based upon information believed to be reliable. The Company makes no statement or warranty as to the accuracy or completeness of the information contained herein which is offered for your consideration, investigation and verification. Any use of the information contained in this data sheet must be determined by the user to be in accordance with appropriate applicable regulations.

Hoefer, Inc.  
84 October Hill Road, Suite 10  
Holliston, MA 01746

[www.hoeferinc.com](http://www.hoeferinc.com)

© 2019 Hoefer, Inc. All rights reserved. Printed in the USA

GR123-100\_SDS\_29582\_Rev\_1

