

# Material Safety Data Sheet

## Section 1. Product and Company Identification

<b>Product Name</b>	EDTA di-Sodium 0.0100M	<b>Product Code</b>	VW3621
<b>Manufacturer</b>	EMD Chemicals Inc. P.O. Box 70 480 Democrat Road Gibbstown, NJ 08027 Prior to January 1, 2003 EMD Chemicals Inc. was EM Industries, Inc. or EM Science, Division of EM Industries, Inc.	<b>Effective Date</b>	3/4/2003
		<b>Print Date</b>	5/3/2004

### For More Information Call

856-423-6300 Technical Service  
Monday-Friday: 8:00 AM - 5:00 PM

### In Case of Emergency Call

800-424-9300 CHEMTREC (USA)  
613-996-6666 CANUTEC (Canada)  
24 Hours/Day: 7 Days/Week

**Synonym** Not available.

**Material Uses** Laboratory Reagent

**Chemical Family** Salt.

## Section 2. Composition and Information on Ingredients

Component	CAS #	% by Weight
EDTA di-Sodium Dihydrate	6381-92-6	0-1
Water	7732-18-5	99-100

## + Section 3. Hazards Identification

**Physical State and Appearance** Liquid.

**Emergency Overview** CAUTION !  
Handle in accordance with good laboratory, industrial hygiene and safety practices

**Routes of Entry** Inhalation. Ingestion.

### Potential Acute Health Effects

**Eyes** No known effect on eye contact, rinse with water for a few minutes.

**Skin** No known acute effects of this product resulting from skin contact.

**Inhalation** No known acute effects of this product resulting from inhalation.

**Ingestion** No known acute effects of this product resulting from ingestion.

### Potential Chronic Health Effects

**Carcinogenic Effects** This material is not known to cause cancer in animals or humans.

Additional information See Toxicological Information (section 11)

**Medical Conditions Aggravated by Overexposure:** Repeated or prolonged exposure is not known to aggravate medical condition.

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**Section 4. First Aid Measures**

<b>Eye Contact</b>	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical attention if irritation occurs.
<b>Skin Contact</b>	Wash with soap and water. Cover the irritated skin with an emollient. Get medical attention if irritation develops. Cold water may be used.
<b>Inhalation</b>	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if symptoms appear.
<b>Ingestion</b>	Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

**+ Section 5. Fire Fighting Measures**

<b>Flammability of the Product</b>	Non-flammable.
<b>Auto-ignition Temperature</b>	Not applicable.
<b>Flash Points</b>	Not applicable.
<b>Flammable Limits</b>	Not applicable.
<b>Products of Combustion</b>	Not applicable.
<b>Fire Hazards in Presence of Various Substances</b>	Not applicable.
<b>Explosion Hazards in Presence of Various Substances</b>	Risks of explosion of the product in presence of static discharge: No. Risks of explosion of the product in presence of mechanical impact: No.
<b>Fire Fighting Media and Instructions</b>	Not applicable.
<b>Protective Clothing (Fire)</b>	Not applicable.
<b>Special Remarks on Fire Hazards</b>	Not available.
<b>Special Remarks on Explosion Hazards</b>	Not available.

**+ Section 6. Accidental Release Measures**

<b>Small Spill and Leak</b>	Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container.
<b>Large Spill and Leak</b>	Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.
<b>Spill Kit Information</b>	No specific spill kit required for this product.

## Section 7. Handling and Storage

**Handling** Avoid breathing vapors or spray mists.

**Storage** Keep container tightly closed. Keep container in a cool, well-ventilated area.

## Section 8. Exposure Controls/Personal Protection

**Engineering Controls** Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

### Personal Protection

**Eyes** Safety glasses.

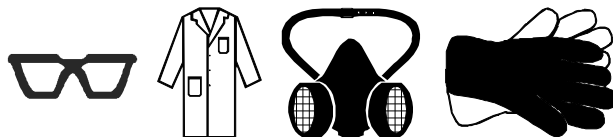
**Body** Lab coat.

**Respiratory** Vapor respirator. Be sure to use an approved/certified respirator or equivalent.

**Hands** Gloves.

**Feet** Not applicable.

### Protective Clothing (Pictograms)



### Personal Protection in Case of a Large Spill

Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

### Product Name

EDTA di-Sodium Dihydrate  
Water

### Exposure Limits

Not available.  
Not available.

## Section 9. Physical and Chemical Properties

**Odor** Odorless.

**Color** Clear.

**Physical State and Appearance** Liquid.

**Molecular Weight** Not applicable.

**Molecular Formula** Not applicable.

**pH** Not available.

**Boiling/Condensation Point** The lowest known value is 99.9°C (211.8°F) (Water).

**Melting/Freezing Point** May start to solidify at -0.1°C (31.8°F) based on data for: Water.

**Specific Gravity** Not available.

**Vapor Pressure** Not available.

**Vapor Density** Not available.

**Odor Threshold** Not available.

**Evaporation Rate** 0.36 (Water) compared to (n-BUTYL ACETATE=1)

**LogK<sub>ow</sub>** Not available.

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**Solubility** Soluble in water.

### **+ Section 10. Stability and Reactivity**

**Stability and Reactivity** The product is stable.

**Conditions of Instability** Not available.

**Incompatibility with Various Substances** Highly reactive with oxidizing agents, metals.

**Rem/Incompatibility** Not available.

**Hazardous Decomposition Products** CO<sub>x</sub> NO<sub>x</sub>

**Hazardous Polymerization** Will not occur.

### **Section 11. Toxicological Information**

**RTECS Number:** EDTA di-Sodium Dihydrate Not available.  
Water ZC0110000

**Toxicity** LD<sub>50</sub>: Not available.  
LC<sub>50</sub>: Not available.

**Chronic Effects on Humans** Not available.

**Acute Effects on Humans** Not available.

**Synergetic Products (Toxicologically)** Not available.

**Irritancy** Draize Test: Not available.

**Sensitization** Not available.

**Carcinogenic Effects** This material is not known to cause cancer in animals or humans.

**Toxicity to Reproductive System** Not available.

**Teratogenic Effects** Not available.

**Mutagenic Effects** Not available.

### **Section 12. Ecological Information**

**Ecotoxicity** Not available.

**BOD5 and COD** Not available.

### **Section 13. Disposal Considerations**

**EPA Waste Number** Not available.

**Treatment** Not available.

**Section 14. Transport Information**

**DOT Classification** Not available.

**TDG Classification** Not available.

**IMO/IMDG Classification** Not available.

**ICAO/IATA Classification** Not available.

**Section 15. Regulatory Information**

**U.S. Federal Regulations** TSCA 8(b) inventory: Water  
 SARA 302/304/311/312 extremely hazardous substances: No products were found.  
 SARA 302/304 emergency planning and notification: No products were found.  
 SARA 302/304/311/312 hazardous chemicals: No products were found.  
 SARA 311/312 MSDS distribution - chemical inventory - hazard identification: No products were found.  
 SARA 313 toxic chemical notification and release reporting: No products were found.  
 Clean Water Act (CWA) 307: No products were found.  
 Clean Water Act (CWA) 311: No products were found.  
 Clean air act (CAA) 112 accidental release prevention: No products were found.  
 Clean air act (CAA) 112 regulated flammable substances: No products were found.  
 Clean air act (CAA) 112 regulated toxic substances: No products were found.

**WHMIS (Canada)** Not controlled under WHMIS (Canada).

CEPA DSL: Water

This product has been classified in accordance with the hazard criteria of the Controlled Product Regulations and the MSDS contains all required information.

**International Regulations**

**EINECS** EDTA di-Sodium Dihydrate Not available.  
 Water 231-791-2

**DSCL (EEC)** This product is not classified according to the EU regulations.

**International Lists** Australia (NICNAS): Water

Japan (MITI): Water

Korea (TCCL): Water

Philippines (RA6969): Water

China: No products were found.

**State Regulations**

New Jersey:

California prop. 65: No products were found.

**Section 16. Other Information**

**National Fire  
 Protection  
 Association  
 (U.S.A.)**



Changed Since Last  
Revision

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Notice to Reader

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