1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Chelating Agent
Product Number:
Brand: Edvotek
Supplier: Edvotek
1121 5th Street NW
Washington, DC 20001
Telephone: 1-800-338-6835 or 202-370-1500
Fax: 202-370-1501
Emergency Phone #: 202-370-1500

2. HAZARDS IDENTIFICATION

Emergency Overview
OSHA Hazards
Irritant

GHS Classification
Skin irritation 2
Eye irritation 2A
Specific target organ toxicity - single exposure 3

Signal Word
Warning

Pictogram
Hazard(s) Statements:
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H335 May cause respiratory

Precautionary statement(s)
P261 Avoid breathing dust, fume, gas, mist, vapors, spray.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**HMIS Classification:**
Health hazard: 2  
Flammability: 0  
Physical hazard: 0

**NFPA Rating:**
Health hazard: 2  
Fire: 0  
Reactivity Hazard: 0

**Potential Health Effects:**
**Inhalation** May be harmful if inhaled. Causes respiratory tract irritation  
**Skin** Harmful if absorbed through skin. Causes skin irritation.  
**Eyes** Causes eye irritation.  
**Ingestion** Harmful if swallowed

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Formula: C₄H₇NO₄  
Molecular Weight: 133.1 g/mol  

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>EC No.</th>
<th>CAS –No</th>
<th>Concentration</th>
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<tbody>
<tr>
<td>Iminodiacetic acid</td>
<td>205-555-4</td>
<td>142-73-4</td>
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4. FIRST AID MEASURES

General information
No special measures required.

If inhaled
If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult doctor in case of complaints.

In case of skin contact
Immediately wash off with soap and plenty of water. Get medical attention if symptoms develop.

In case of eye contact
Flush eyes with water as a precaution. Get medical attention immediately if irritation persists.

If swallowed
Never give anything by mouth to an unconscious person. Rinse mouth with water. Get medical attention if symptoms develop.

5. FIREFIGHTING MEASURES

Conditions of flammability
Not flammable or combustible.

Suitable extinguishing media
Use water spray, alcohol resistant foam, dry chemical or carbon dioxide.

Special protective equipment for firefighters
Wear self contained breathing apparatus for fire fighting if necessary.

Hazardous combustion products
Carbon oxides, nitrogen oxides (NOx),

Personal precautions
Prevent skin/eye contact. Use personal protective equipment as needed.
6. **ACCIDENTAL RELEASE MEASURES**

**Environmental precautions**
Dilute with plenty of water. Do not allow to enter sewers/surface or ground water.

**Methods and materials for containment and cleaning up**
Clean up spills immediately. Use absorbent materials if needed and dispose into a chemical waste container.

7. **HANDLING AND STORAGE**

**Precautions for safe handling**
No special measures necessary. Good laboratory technique should be used when handling.

**Conditions for safe storage**
No special measures necessary. Store at room temperature.

**Incompatible Products**
No known products

8. **EXPOSURE CONTROLS/ PERSONAL PROTECTION**

**Personal protective equipment**
**Respiratory protection**
Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Hand protection**
Wear protective gloves. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.

**Eye protection**
Avoid eye contact with this material. Wear chemical safety goggles.
Skin and body protection
Use chemical gloves as needed. Use clean protective body covering clothing as needed to minimize contact with clothing and skin.

Hygiene measures
Handle in accordance with good industrial hygiene and safety practice. Wash and dry hands at the end of workday.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance
Form powder
Colour colorless
Odor no data available

Safety data
pH no data available
Melting point/freezing point no data available
Boiling point no data available
Flash point no data available
Ignition temperature no data available
Autoignition Temperature no data available
Lower explosion limit no data available
Upper explosion limit no data available
Vapour pressure no data available
Density (water=1) no data available
Water solubility no data available
Partition coefficient:
n-octanol/water no data available
Relative vapour Density no data available
Odour Threshold no data available
Evaporation rate no data available
10. STABILITY AND REACTIVITY

**Chemical stability**
Stable under recommended storage conditions.

**Conditions to avoid**
No further relevant data available.

**Possibility of hazardous reactions**
No further relevant data available.

**Materials to avoid**
No further relevant data available.

**Hazardous decomposition products**
Carbon oxides, nitrogen oxides (NOx),

11. TOXICOLOGICAL INFORMATION

**Acute toxicity LD/LC50 values**
no data available

**Serious eye damage/eye irritation**
no data available

**Respiratory or skin sensitization**
no data available

**Germ cell mutagenicity**
no data available

**Skin corrosion/irritation**
no data available

**Carcinogenicity**
No components of this product are listed by IARC, ACGIH, NTP and OSHA.

**Reproductive toxicity**
no data available

**Teratogenicity**
no data available
Aspiration hazard
no data available

Synergistic effects
no data available

12. ECOLOGICAL INFORMATION

Toxicity
no data available

Persistence and degradability
no data available

Bioaccumulative potential
no data available

Mobility in soil
no data available

PBT and vPvB assessment
no data available

Other adverse effects
no data available

13. DISPOSAL CONSIDERATIONS

Product
Dispose of unused product, residues, and containers according to local, regional, state, and national regulations.

Contaminated packaging
Dispose of as unused product.

14. TRANSPORT INFORMATION

DOT (US)
Not dangerous goods

IMDG
Not dangerous goods

IATA
Not dangerous goods
**15. REGULATORY INFORMATION**

**OSHA Hazards**
Irritant

**SARA 302 Components**
SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313 Components**
SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the reporting levels established by SARA Title III, Section 313.

**SARA 311/312 Hazards**
No SARA Hazards.

**16. OTHER INFORMATION**

For educational use only. Not intended for human or animal diagnostic or therapeutic uses.

The above information was acquired by diligent search and/or investigation and the recommendations are based on prudent application of professional judgment. The information shall not be taken as being all inclusive and is to be used only as a guide. All materials and mixtures may present unknown hazards and should be used with caution. Since the Company cannot control the actual methods, volumes, or conditions of use, the Company shall not be held liable for any damages or losses resulting from the handling or from contact with the product as described herein. THE INFORMATION IN THIS SDS DOES NOT CONSTITUTE A WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE.