



SAFETY DATA SHEET

Section 1. Chemical Product and Company Identification

ECI Part Number: LMO525

Date Prepared: 5/21/2015

Product Identity: QualiChem™ Cu 2 "Cu Reagent 2"

Manufacture Name and Address: ECI Technology Inc.
60 Gordon Drive
Totowa, NJ 07512

Telephone Number for Information: 973-890-1114

Emergency Contact(24hrs): CHEMTREC
Domestic: 800-424-9300
International: 703-527-3887

Section 2. Hazards Identification

Classification

This chemical is considered not hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

GHS Classification:

None

Signal Word:

Hazard Statements:

May cause skin irritation

May cause eye irritation

Precautionary Statements

Prevention

Do not handle until all safety precautions have been read and understood

Use personal protective equipment as required

Wash face, hands and any exposed skin thoroughly after handling

Wear eye/face protection

Do not breathe dust/fume/gas/mist/vapors/spray

Response

IF exposed or concerned: Get medical attention/advice

Skin

IF ON SKIN: Wash with plenty of soap and water

If skin irritation occurs: Get medical advice/attention

Take off contaminated clothing and wash before reuse

Eyes



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IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing If eye irritation persists: Get medical advice/attention

Section 3: Composition / Information on Ingredients

| Components | CAS Registry # | Concentration |
|---|----------------|---------------|
| Ethylenediaminetetraacetic Acid (EDTA) Disodium Dihydrate | 6381-92-6 | <10% |
| DI Water | 7732-18-5 | >90% |

Section 4. First Aid Measures – In All Cases, Seek Qualified Medical Help

EYE CONTACT:

Irrigate immediately with large quantity of water for at least 15 minutes. Call a physician if irritation develops.

INHALATION:

Move to fresh air. If breathing is difficult, give oxygen. Get medical attention immediately if symptoms occur.

SKIN CONTACT:

Wash off immediately with plenty of water for at least 15 minutes. Get medical attention immediately if symptoms occur.

INGESTION:

Do not induce vomiting. Obtain medical attention if necessary.

Section 5. Fire Fighting Measures

FLAMMABLE PROPERTIES:

Substance is nonflammable; use agent most appropriate to extinguish surrounding fire

EXTINGUISHING MEDIA:

Use agent most appropriate to extinguish surrounding fire.

FIRE & EXPLOSION HAZARDS:

No specific fire or explosion hazards

FIRE FIGHTING INSTRUCTIONS:

Use agent most appropriate to extinguish surrounding fire.

FIRE FIGHTING EQUIPMENT:

Use protective clothing and breathing equipment appropriate for the surrounding fire.



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Section 6. Accidental Release Measures

Absorb with suitable material and dispose of in accordance with local regulations.

Section 7. Handling and Storage

Handling

Wear personal protective equipment. Ensure adequate ventilation. Do not breathe vapors, spray or mist. Avoid contact with skin, eyes and clothing.

Storage

Keep containers tightly closed in a dry, cool and well-ventilated place.

Section 8. Exposure Controls / Personal Protection

Exposure Limits:

Component:

Ethylenediaminetetraacetic Acid (EDTA) Disodium Dihydrate

ACGIH TLV

No data found

Regulations:

OSHA PEL

No data found

ENGINEERING CONTROLS:

Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety showers are close to the workstation location.

RESPIRATORY PROTECTION:

Normal room ventilation is adequate

SKIN PROTECTION:

Chemical resistant gloves are recommended

EYE PROTECTION:

Safety glasses or goggles.



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Section 9. Physical and Chemical Properties

Physical State Liquid
Appearance Colorless
Odor Odorless
Odor Threshold No data found
pH 4 - 6
Melting Point/Range No data found
Boiling Point/Range No data found
Flash Point Not applicable
Evaporation Rate > 1 (Ether = 1.0)
Flammability (solid,gas) No data found
Flammability or explosive limits
Upper No data found
Lower No data found
Vapor Pressure 14 mmHg @ 20 °C
Vapor Density No data found (Air = 1.0)
Relative Density 1.0 - 1.1
Solubility Soluble in water
Autoignition Temperature No data found
Decomposition Temperature No data found
Viscosity No data found

Section 10. Stability and Reactivity

CHEMICAL STABILITY:

Stable under normal conditions of use and storage.

INCOMPATIBILITY:

Strong oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS:

Burning may produce carbon monoxide, carbon dioxide, and nitrogen oxides

HAZARDOUS POLYMERIZATION:

Will not occur.

Section 11. Toxicological Information

Toxicology Values

| Component | Description | Route | Animal | | Value |
|---|-------------|-------|--------|---|------------|
| Ethylenediaminetetraacetic Acid (EDTA) Disodium Dihydrate | LD50 | Oral | Rat | - | 2000 mg/kg |



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Target Organs:

Eyes, skin

Chronic Effects/ Carcinogenicity: NoneIARC: NoNTP: NoOSHA: No**Teratology (Birth Defect) Information:**

No information found

Reproduction Information:

No information found

Section 12. Ecological Information**ECOTOXICOLOGICAL INFORMATION:**Component:Ethylenediaminetetraacetic Acid
(EDTA) Disodium DihydrateEffect:

No information found

CHEMICAL FATE INFORMATION:Component:Ethylenediaminetetraacetic Acid
(EDTA) Disodium DihydrateEffect:

No information found

Section 13. Disposal Considerations

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

Section 14. Transport Information (Not meant to be all inclusive)

| | |
|----------|---------------|
| DOT | Not regulated |
| TDG | Not regulated |
| IATA | Not regulated |
| IMDG/IMO | Not regulated |



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Section 15. Regulatory Information (Not meant to be all inclusive)

U.S. Federal Regulations

TSCA Status:

Not all components of this solution are listed on the TSCA Inventory or are mixtures (hydrates) of items listed on the TSCA Inventory.

TSCA 12(b) Not listed

SARA 313 Not listed

SARA 311/312 Hazardous Categorization Not listed

Acute Health Hazard No

Chronic Health Hazard No

Fire Hazard No

Sudden Release of Pressure Hazard No

Reactive Hazard No

Section 16. Other Information

Disclaimer

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