



SAFETY DATA SHEET

Section 1. Chemical Product and Company Identification

ECI Part Number: LMO660

Date Prepared: 5/26/2015

Product Identity: QualiChem™ Cu "Cu Reagent"

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

Emergency Contact(24hrs): CHEMTREC

Domestic: 800-424-9300

International: 703-527-3887

Telephone Number for Information: 973-890-1114

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: None

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	Balance

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:

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 None found	Regulations: OSHA PEL None 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 8-9
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: None			
IARC: No			
NTP: No			
OSHA: No			
Teratology (Birth Defect) Information: No information found			
Reproduction Information: No information found			

Section 12. Ecological Information	
ECOTOXICOLOGICAL INFORMATION:	
Component: Ethylenediaminetetraacetic Acid (EDTA) Disodium Dihydrate	Effect: No information found
CHEMICAL FATE INFORMATION:	
Component: Ethylenediaminetetraacetic Acid (EDTA) Disodium Dihydrate	Effect: 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 12(b)	Not listed
SARA 313	Not listed

SARA 311/312 Hazardous Categorization

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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