



SAFETY DATA SHEET
SDS

I – PRODUCT IDENTIFICATION

TRADE NAME (as labeled)	COPPER CHELATE 14%
CHEMICAL NAME	ETHYLENE DIAMINE TETRA ACETIC ACID, COPPER DISODIUM SALT
SYNONYM	COPPER DISODIUM EDTA
MANUFACTURER'S NAME	GROW MORE, INC. 15600 New Century Drive Gardena, CA 90248 Tel. (310) 515-1700 Fax (310) 527-5811
EMERGENCY PHONE NUMBER	800-424-9300
DATE PREPARED/REVISED	January 2, 2015

II – HAZARD IDENTIFICATION

EMERGENCY OVERVIEW

APPEARANCE – Fine light blue powder

ODOR - None

POTENTIAL HEALTH EFFECTS

EYES - **H319** May cause irritation to eyes.

SKIN - **H317** Repeated contact may cause slight irritation.

SWALLOWED – **H336** Possible abdominal pain, diarrhea, diuresis, and nausea.

CARCINOGENICITY – No component of this product is identified as probable, possible or confirmed human carcinogen by IARC, ACGIH, OSHA, NTP

SIGNAL WORD – No signal word

PRECAUTIONARY STATEMENTS

P102 – KEEP OUT OF REACH OF CHILDREN

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P302 + P340 + P312 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305 + P351 + P310 IF IN EYES: Rinse with water for 15 minutes. Remove contact lenses. Hold eye lids apart while flushing.

P332 + P313 If skin irritation occurs: Get medical attention.

P362 Take off contaminated clothing and wash before reuse.

III – COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS No.	%
Copper EDTA	14025-15-1	100%

IV – FIRST AID MEASURES

Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. No specific treatment.

EYE CONTACT – Wash thoroughly with water for at least 15 minutes. Remove contact lenses. Hold eyelids apart during flushing. Send patient immediately to physician.

SKIN CONTACT – Wipe excess material with dry cloth, removing contaminated clothing and shoes with large amounts of water and soap for at least 15 minutes.

INHALED – Remove from exposure to fresh air. Get medical attention if symptoms occur.

SWALLOWED – Rinse mouth. Drink 2-3 glasses of water and seek medical assistance. Do not induce vomiting or give anything by mouth to an unconscious person. Get medical attention if symptoms occur.

V – FIRE-FIGHTING MEASURES

SPECIAL FIREFIGHTING PROCEDURE – Must wear MSHA/NIOSH approved self-contained breathing apparatus. Use abundant amount of water in early stages of fire to cool off unopened container.

UNUSUAL FIRE & EXPLOSION HAZARD – None

FLASH POINT – Noncombustible

FLAMMABLE LIMITS – Noncombustible

AUTOIGNITION TEMPERATURE – N/A

SUITABLE FIREFIGHTING MEDIA – Water fog. Foam. Fine sand.

VI – ACCIDENTAL RELEASE MEASURES

SPILL RESPONSE PROCEDURE – Use broom or dry vacuum to collect material for proper disposal without raising dust. Prevent entry into waterways, sewers, basements or confined areas. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system. Prevent product spillage from entering drinking water supplies or streams.

VII – HANDLING AND STORAGE

To maintain product quality, do not store in heat or direct sunlight. Use good housekeeping practices such as washing hands with soap after handling. Do not eat, drink or smoke while handling this product. Keep out of reach of children and pets. Do not reuse empty containers. Avoid discharge into drains, water courses or onto the ground. Handle this material with tools and equipment that are nonreactive. Transfer solutions of product using chemical-resistant plastic or stainless steel tanks, pumps, valves, etc.

VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION & ENGINEERING CONTROLS– Local exhaust.

RESPIRATORY PROTECTION – Where dust is generated by the process, MSHA/NIOSH approved respirator is advised in the absence of proper environmental control.

EYE PROTECTION – Safety glasses or face shield where there is a potential eye contact. Safety eyewash station should be accessible within 10 seconds.

SKIN PROTECTION – Wear protective work gown, rubber gloves to prevent irritation.

IX – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE – Fine light blue powder

ODOR – None

BOILING POINT OR MELTING POINT RANGE °F – N/A

FLAMMABILITY – Non-flammable

EXPLOSIVE PROPERTIES – Non-explosive

pH of 1 % SOLUTION – 6.5 – 7.5

SOLUBILITY IN WATER – Highly soluble (> 80%)

X – STABILITY AND REACTIVITY

STABILITY – Stable under normal conditions of use.

CONDITIONS TO AVOID – Extreme heat, wet or damp conditions.

INCOMPATIBILITY – Strong oxidants and alkaline.

HAZARDOUS DECOMPOSITION PRODUCTS – N/A

HAZARDOUS POLYMERIZATION – Will not occur.

XI – TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

INGESTION – Expected to be a low ingestion hazard, may cause stomach cramps and/or nausea.

INHALATION – May cause slight, temporary respiratory irritation

SKIN IRRITATION – May cause slight, temporary irritation.

EYE IRRITATION – May cause slight, temporary irritation.

SENSITIZATION – None

REPRODUCTIVE EFFECTS – None known

CARCINOGENICITY – This products does not contain any substances that are considered carcinogens by OSHA, NTP, IARC or ACGIH

CHRONIC TOXICITY – None known

XII – ECOLOGICAL INFORMATION

AQUATIC TOXICITY – N/A

ADDITIONAL ECOLOGICAL INFO – Do not use directly in lakes, ponds and rivers. The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

XIII – DISPOSAL CONSIDERATIONS

Do not contaminate lakes, streams, ponds, estuaries, oceans or other waters by discharge of waste effluents or equipment wash waters. Dispose of waste effluents according to state and local regulations. Also, chemical additions or other alterations of this product may invalidate any disposal information in this SDS. Therefore, consult local waste regulators for proper disposal. Do not discharge.

XIV – TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION – Not regulated by DOT

XV – REGULATORY INFORMATION

TSCA STATUS – Listed

OSHA STATUS – Not listed as hazardous

CERCLA – None

SARA 313 – Yes listed

SARA 302 – None

CALIFORNIA PROPOSITION 65 – Not listed

XVI – OTHER INFORMATION

NFPA

Hazard Rating: 0=Least; 1-Slight; 2=Moderate; 3=High; 4=Severe

Health	1
Flammability	0
Reactivity	0
Physical hazards	PE

Disclaimer

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