### SAFETY DATA SHEET

According to OSHA Hazard Communication Standard 29 CFR 1910.1200 (GHS)

### EARTH SCIENCE LABORATORIES, INC.

113 SE 22nd Street, Suite 105 Rogers, AR 72756 earthsciencelabs.com

Emergency Phone Number: 1-800-535-5053 (Infotrac)

Information Phone Number: 1-800-962-1492

Material Name: EarthTec OZ™

Page: I of 4 Issue Date: 01/14 Revision Date: 02/2021

### Section 1 - IDENTIFICATION

Product Name: EarthTee QZ™

EPA Reg. No. 64962-1

Manufactured by: Earth Science Laboratories, Inc. 903 N 47th St., Suite 105 Rogers, AR 72756

Certified to: NSF/ANSI Standard 60. Do not exceed 19 mg/L.

### Section 2 -HAZARDS IDENTIFICATION

NFPA HMIS III: Health = 2, Fire = 0, Reactivity = 1

GHS Signal Word:

GHS Hazard Pictograms:



### GHS Classifications:

Physical, Corrosive to Metals, 1 Health, Acute Toxicity, 4 Oral

Health, Harmful if absorbed through skin. Avoid contact with skin, 2

Health, Causes substantial but temporary eye injury. Do not get in eyes, 2

Environmental, Hazards to the aquatic environment - Chronic, 1

### GHS Phrases:

H290 - May be corrosive to metal

H302 - Harmful if swallowed

H315 -- Causes skin irritation

H319 - Causes serious eye irritation

H410 - Very taxic to aquatic life with long lasting effects

### GHS Precautionary Statements:

P102 - Keep out of reach of children.

P233 - Keep container tightly closed.

P262 - Do not get in eyes, on skin or clothing,

P264 – Wash skin thoroughly after handling,
P270 – Do not eat, drink or smoke when handling this product.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P281 - Use personal protective equipment as required.

P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

P301+330+331 - IF SWALLOWED: Rinse mouth, DO NOT induce vomiting.

P303+361+353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing.

Rinse skin with water/shower.

P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if

present and easy to do. Continue rinsing.

P501 - Dispose of contents /container according to State and Federal laws.

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#### Section 3 -- COMPOSITION/INFORMATION ON INGREDIENT

Components	CAS#	OSHA PEL	ACGIH TLV	%
Copper sulfate pentahydrate	7758-99-8	lmg/m³	Img/m³	18.25-21.75%

### Section 4 - FIRST AID MEASURES

If in Eyes: Hold eye open and rinse slowly and gently with water for 20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for advice.

If on Skin or Clothing: Take off contaminated clothing. Rinse skin immediately with plenty of soap and water for 15 to 20 minutes. Call a poison control center or doctor for treatment,

If Swallowed: Call a poison control center or doctor immediately for treatment advice. Have a person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything to an unconscious person.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact INFOTRAC 1-800-535-5053 for emergency treatment,

### Section 5 - FIRE FIGHTING MEASURES

Flash Point: N/E

UFL: N/E

LFL: N/E

Hazardous Combustion Products: May react with high carbon metals to produce hydrogen gas, which can form an explosive mixture. Fire Fighting Equipment/Instructions: Firefighters must wear MSHA/NIOSH approved positive pressure breathing apparatus (SCBA) with full face mask and full protective equipment.

NFPA Ratings: HMIS III Ratings: Fire: 0 Fire: 0 Health: 2 Health: 7 Reactivity: 1 Reactivity: 1

Other: X

Personal Protection: X

### Section 6 - ACCIDENTAL RELEASE MEASURES

Containment Procedures: Flush with water into retaining area or container. Caution should be exercised regarding personal safety and exposure to

Clean-Up Procedures: Neutralize solution with bicarbonate of soda.

Evacuation Procedures: Keep unnecessary people away; isolate hazard area and deny entry. Special Instructions: Notify local authorities and the National Response Center, if required.

### Section 7 - HANDLING AND STORAGE

Application and Handling Equipment: Application, handling or storage equipment MUST consist of fiberglass, PVC, polypropylene, viton, corrosion resistant plastics or stainless steel. Never use mild steel, nylon, brass or copper around product. Always rinse and clean equipment thoroughly each night with plenty of fresh, clean water.

Storage: Store in a safe place away from pets and keep out of the reach of children. Store away from excessive heat, Product will freeze. Always store product above 32 degrees F (Do Not Freeze), Freezing may cause product separation. Always keep container closed. Keep away from galvanized pipe, and any nylon storage or handling equipment.

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# Section 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

### Personal Protective Equipment (PPE)

Mixers, loaders, applicators and other handlers must wear the following: long-sleeved shirt, long pants, shoes plus socks, chemical-resistant gloves made of any water proof material (Chemical Resistance Category A). and protective eyewear.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent material that have been drenched or heavily contaminated with the

## Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear blue liquid

Physical State: Liquid

pH: 0.2/0.3

Vapor Pressure: 0.1mm 68° F

Boiling Point: 220° F Melting Point; N/A

Odor: Minimal odor

Vapor Density (Air=1): 1.0 Evaporation Rate: N/A

Solubility in Water: Complete

Specific Gravity (H20=1): 1.175 +/- 0.01

## Section 10 - STABILITY AND REACTIVITY

Chemical Stability: Stable,

Conditions to Avoid: Avoid mixing with strong bases and strong reducing agents.

Incompatibility: Incompatible with strong bases and strong reducing agents.

Hazardous Decomposition Products: Sulfur dioxide and sulfur trioxide may be produced with decomposition.

# Section 11 - TOXICOLOGICAL INFORMATION

Acute Toxicity / Chronic Toxicity: Continued overexposure to this solution may cause systemic toxicity.

Signs and Symptoms of Exposure: Overexposure may cause the following specific symptoms, depending on the concentration and duration of

## Section 12 - ECOLOGICAL INFORMATION

Waters treated with this product may be hazardous to aquatic organisms.

## Section 13 - DISPOSAL CONSIDERATIONS

Pesticide wastes are acutely hazardous. Improper disposal of excess product mixture or rinsate is a violation of federal law. If these wastes cannot be disposed of by use according to label instructions, contact your state pesticide or environmental control agency, or the hazardous waste representative at the nearest EPA regional office for guidance. In the event of spill, neutralize with limestone or baking soda before disposal.

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## Section 14 - TRANSPORT INFORMATION

DOT Information Proper Shipping Name: Corrosive liquid, acidic, inorganic, n.o.s., (contains cupric sulfate)

UN/NA #: UN3264 Packing Group: III

- Packages that contain more than 5.1 US gallons are RQ (reportable quantity)
- Packages that contain less than 4.0 liters could be LQ
- The proper shipping information is the responsibility of the shipper and this information is only guidelines.

## Section 15 - REGULATORY INFORMATION

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for Safety Data Sheets, and for workplace labels of non-pesticide chemicals. Following is the hazard information as required on the posticide label:

WARNING

Causes substantial but temporary eye injury.

Harmful if swallowed,

Harmful if absorbed through skin.

## Section 16 - OTHER INFORMATION

Date of Last Revision: February 2021

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