

Safety Data Sheet

ReliaQuest 3% Calcium EDTA

SDS Prepared: 05/12/2025
SDS Version: 1.1
Version Date: 09/09/2025

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: ReliaQuest 3% Calcium EDTA
CHEMICAL NAME: Chelated 3% Calcium EDTA Solution
EPA REGISTRATION NUMBER: Not Regulated

Manufactured by:
Reliant Ag Solutions, LLC
2230 Carolina Leaf Road
Greenville, NC 27834
Phone: 1-833-618-9691

Emergency Telephone Numbers
Chemtrec (24 hours)
1-800-424-9300
Reliant Ag Solutions, LLC (Weekdays – Eastern Standard Time)
1-833-618-9691

2. HAZARDS IDENTIFICATION SUMMARY

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

GHS-US Classification

Aquatic Acute 3 H402
Aquatic Chronic 3 H412

LABEL ELEMENTS

GHS-US Labeling

SIGNAL WORD (GHS-US)

WARNING

HAZARD STATEMENTS (GHS-US)

H402 - Harmful to aquatic life.
H412 - Harmful to aquatic life with long-lasting effects.

PRECAUTIONARY STATEMENTS (GHS-US)

P102 - Keep out of reach of children.
P203 - Obtain, read, and follow all safety instructions before use.
P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.
P270 - Do not eat, drink, or smoke when using this product.
P273 - Avoid release to the environment.
P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Ingredients:</u>	<u>Percentage by Weight:</u>	<u>CAS No.</u>	<u>GHS-US Classification</u>
Water	Proprietary	7732-18-5	Not classified
Calcium disodium EDTA	Proprietary	62-33-9	Not classified

4. FIRST AID MEASURES

EYES: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.

SKIN:	Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation develops or persists.
INGESTION:	Call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.
INHALATION:	When symptoms occur, go into the open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

5. FIRE FIGHTING MEASURES

FLASH POINT (°F/Test Method):	No data available
FLAMMABLE LIMITS (LFL & UFL):	No data available.
EXTINGUISHING MEDIA:	Water spray, fog, alcohol-resistant foam, dry chemical, and CO ₂ . Use extinguishing media appropriate for the surrounding fire. Do not use a heavy water stream as it may spread the fire.
HAZARDOUS COMBUSTION PRODUCTS:	Corrosive vapors, carbon monoxide, carbon dioxide, nitrogen oxides, and explosive hydrogen gas.
SPECIAL FIRE FIGHTING PROCEDURES:	Self-contained positive-pressure breathing apparatus and protective clothing should be worn in fighting fires involving chemicals. Clear fire area of unprotected personnel. Cool fire-exposed containers with water or fog. Attack from upwind.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	Not considered flammable, but may burn at high temperatures. The product is not explosive. Hazardous reactions will not occur under normal conditions.

6. ACCIDENTAL RELEASE MEASURES

CONTAINMENT:	Contain any spills with dikes or absorbents to prevent migration and entry into sewers, streams, or public waters.
CLEANING UP:	Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill. Equip the cleanup crew with proper protection.

7. HANDLING AND STORAGE

HANDLING:	Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking, and when leaving work. Avoid breathing vapors, mist, or spray. Avoid contact with skin, eyes, and clothing. Handle in accordance with good industrial hygiene and safety procedures.
STORAGE:	Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures, and incompatible materials.
SPECIFIC END USE(S):	Agriculture

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

CONTROL PARAMETERS:	For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency, including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), or OSHA (PEL).
SIGNS AND SYMPTOMS OF EXPOSURE:	Not expected to present a significant hazard under anticipated conditions of normal use. After exposure: Prolonged contact may cause respiratory and skin irritation. May cause slight eye irritation. Ingestion may cause adverse effects.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:	Preexisting eye, skin, and respiratory disorders may be aggravated by exposure to this product. Unnecessary exposure to this product or any chemical should be avoided.
PRIMARY ROUTES OF ENTRY:	Dermal
ENGINEERING CONTROLS:	Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations

EMERGENCY PERSONNEL PROCEDURES:	are observed. Use adequate exhaust ventilation to prevent inhalation of product vapors. Equip the cleanup crew with proper protection. Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.
NON-EMERGENCY PERSONNEL PROCEDURES:	Use appropriate personal protection equipment (PPE). Evacuate unnecessary personnel.
RESPIRATORY PROTECTION:	If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen-deficient atmosphere, or where exposure levels are not known, wear approved respiratory protection.
EYE PROTECTION:	Wear full-face shield or chemical safety goggles when handling.
SKIN PROTECTION:	Use impervious gloves and clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

COLOR AND PHYSICAL STATE:	Clear liquid
ODOR:	Slight musty
SPECIFIC GRAVITY (Water=1):	1.18 - 1.22
VAPOR PRESSURE:	No data available
VAPOR DENSITY (Air = 1):	No data available
% VOLATILITY (V/V):	No data available
BOILING POINT:	222.8°F (106°C)
MELTING POINT:	No data available
SOLUBILITY:	Completely miscible
pH:	7.5 - 8.5
VISCOSITY @ 68°F (20°C):	No data available

Note: These physical data are typical values based on material tested, but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis of any specific lot or as specification items.

10. STABILITY AND REACTIVITY

STABILITY:	Stable under recommended handling and storage conditions in Section 7.
CONDITIONS TO AVOID:	Direct sunlight, extremely high or low temperatures, and incompatible materials.
INCOMPATIBILITY:	Strong acids, bases, and oxidizing agents.
REACTIVITY:	Will not occur under normal conditions.
HAZARDOUS DECOMPOSITION PRODUCTS:	None known
HAZARDOUS POLYMERIZATION:	Will not occur.

11. TOXICOLOGICAL INFORMATION

ACUTE ORAL LD₅₀:	Not classified
ACUTE DERMAL LD₅₀:	Not classified
ACUTE INHALATION LC₅₀:	Not classified
EYE IRRITATION:	Not classified
CARCINOGENIC POTENTIAL:	Not classified
SKIN IRRITATION/SENSITIZATION:	Not classified

12. ECOLOGICAL INFORMATION

TOXICOLOGY	
Ecology - General	Harmful to aquatic life with long-lasting effects.
PERSISTENCE AND DEGRADABILITY	
Persistence and Degradability	May cause long-term adverse effects in the environment.
BIOACCUMULATIVE POTENTIAL	
Bioaccumulative Potential	Not established

MOBILITY IN SOIL

No additional information available

OTHER ADVERSE EFFECTS**Other Information**

Avoid release to the environment

13. DISPOSAL CONSIDERATIONS

Do not reuse container. Avoid release to the environment. This material is hazardous to the aquatic environment. Keep out of sewers and waterways.

Waste Disposal Methods: Dispose of contents/container in accordance with local, regional, national, and international regulations. The container may remain hazardous when empty. Continue to observe all precautions.

14. TRANSPORTATION INFORMATION**IN ACCORDANCE WITH DOT, IMDG, IATA:**

Not regulated for transport by USDOT as a hazardous material.

FREIGHT CLASSIFICATION:

Liquid Fertilizer NOIBN

NMFC No. 68100 Class 50

15. REGULATORY INFORMATION**US FEDERAL REGULATIONS****Water (7732-18-5)**

Listed on the United States TSCA (Toxic Substances Control Act) Inventory

Calcium disodium EDTA (62-33-9)

Listed on the United States TSCA (Toxic Substances Control Act) Inventory

US STATE REGULATIONS: Neither this product nor its chemical components appear on any US state lists.

16. OTHER INFORMATION**SDS STATUS:**

Updated

REASON FOR CHANGE:

Updated Emergency Contact

PREPARED BY:

Emma Simpson, Chemist

Disclaimer and Limitation of Liability: This data sheet was developed from information on the constituent materials identified herein and does not relate to the use of such materials in combination with any other material or process. No warranty is expressed or implied with respect to the completeness or ongoing accuracy of the information contained in this data sheet, and Reliant Ag Solutions, LLC disclaims all liability for reliance on such information. This data sheet is not a guarantee of safety. Users are responsible for ensuring that they have all current information necessary to safely use the product described by this data sheet for their specific purpose.