



**THE ANDERSONS
SAFETY DATA SHEET**

DATE PREPARED: 01/12/17

CURRENT AS OF: 11/22/22

SECTION 1: PRODUCT / SUPPLIER IDENTIFICATION

PRODUCT CODE: 10002797

PRODUCT NAME: ZINC 6% EDTA

PRODUCT USE: Fertilizer micronutrient

MFR INFO: The Andersons, Inc.
PO Box 119
Maumee, OH 43537

FOR EMERGENCY: (800) 757-8951

FOR INFORMATION: (419) 893-5050

SECTION 2: HAZARDS IDENTIFICATION

HAZARD SYMBOLS / STATEMENTS:



WARNING

**MAY CAUSE EYE IRRITATION
MAY CAUSE RESPIRATORY IRRITATION**

HAZARD CLASSIFICATIONS:

EYE IRRITATION

TARGET ORGAN SYSTEMIC TOXICITY

CATEGORY

2B

3

INTERPRETATION

Eye Irritation Possible

Transient Respiratory Irritation Possible

PRECAUTIONARY STATEMENTS:

- *CALL A POISON CENTER / PHYSICIAN IF UNWELL*
- *IF SKIN IRRITATION OCCURS, GET MEDICAL ADVICE*
- *IF IN EYES, RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES – REMOVE CONTACT LENSES*
- *IF EYE IRRITATION PERSISTS, GET MEDICAL ADVICE*
- *WASH HANDS AFTER HANDLING*
- *USE ONLY OUTDOORS OR IN WELL VENTILATED AREAS*
- *AVOID BREATHING MIST*
- *IF INHALED, REMOVE TO FRESH AIR AND KEEP AT REST IN A POSITION COMFORTABLE FOR BREATHING*
- *STORE CONTAINER TIGHTLY CLOSED*
- *DISPOSE OF CONTENTS / CONTAINER IN ACCORDANCE WITH NATIONAL / REGIONAL / LOCAL REGULATIONS*

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL IDENTITY

SYNONYM

CAS #

CONCENTRATION (%)

Zinc EDTA, diammonium salt solution

67859-51-2

100.0

SECTION 4: FIRST AID MEASURES

| | |
|--------------------|--|
| IF INHALED: | Move victim to fresh air. Seek medical attention if irritation persists. |
| IF ON SKIN: | Wash affected areas with soap and water. Seek medical attention if irritation persists. Wash contaminated clothing before re-use. |
| IF IN THE EYES: | Immediately flush with water for at least 20 minutes. Seek medical attention if irritation persists. |
| IF SWALLOWED: | If victim is alert and not convulsing, give one glass of water to dilute material and induce vomiting. Seek immediate medical attention. |
| SPECIAL TREATMENT: | None known |
| HEALTH HAZARDS: | See Section 11 |

SECTION 5: FIREFIGHTING MEASURES

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| EXTINGUISHING MEDIA: | Use media suitable for surrounding fire. No special media required. |
| SPECIFIC FIRE HAZARDS: | Decomposition products may be toxic. |
| SPECIAL FIREFIGHTING PROCEDURES: | Wear full protective clothing and positive-pressure self-contained breathing apparatus. |

SECTION 6: ACCIDENTAL RELEASE MEASURES

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| SPILL / RELEASE PROCEDURES: | Collect spilled product and store to re-use. Contaminated product and/or environmental media should be recovered and disposed of properly. |
| ENVIRONMENTAL PRECAUTIONS: | Prevent spilled material from entering storm drains or water bodies. |
| PROTECTIVE EQUIPMENT: | See Section 8 |

SECTION 7: HANDLING AND STORAGE

Store in a cool, dry, well ventilated area.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**EXPOSURE LIMITS:**

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

| <u>HAZARDOUS COMPONENT</u> | <u>OSHA PEL</u> | <u>ACGIH TLV</u> |
|-------------------------------------|------------------------|-------------------------|
| Zinc EDTA, diammonium salt solution | Not established | Not established |

ZINC 9% EDTA

PERSONAL PROTECTIVE EQUIPMENT / PROTECTION MEASURES / CONTROLS:

| | |
|-------------------------|---|
| RESPIRATORY PROTECTION: | NIOSH approved particulate / mist respirator, if required |
| EYE PROTECTION: | Safety glasses with sideshields, goggles, or faceshield recommended |
| SKIN PROTECTION: | Long sleeves, protective (rubber) gloves recommended |
| VENTILATION: | Local exhaust ventilation recommended |

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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|------------------------|--|
| APPEARANCE AND ODOR: | Colorless to slightly cloudy liquid with slight ammonia odor |
| pH: | 7.0 – 8.5 |
| MELTING POINT: | Not applicable |
| BOILING POINT: | Not available |
| FLASH POINT: | Not flammable |
| EVAPORATION RATE: | Not available |
| FLAMMABLE LIMITS: | Not applicable |
| VAPOR PRESSURE: | Not available |
| VAPOR DENSITY: | Not available |
| SPECIFIC GRAVITY: | 1.26 |
| SOLUBILITY (IN WATER): | Soluble |
| PARTITION COEFFICIENT: | Not available |
| AUTOIGNITION TEMP: | Not available |
| DECOMPOSITION TEMP: | Not available |
| ODOR THRESHOLD: | Not available |
| VISCOSITY: | Not available |

SECTION 10: STABILITY AND REACTIVITY

| | |
|-----------------------------------|-------------------|
| STABILITY: | Product is stable |
| CONDITIONS TO AVOID: | Excessive heat |
| INCOMPATIBILITY: | None known |
| HAZARDOUS DECOMPOSITION PRODUCTS: | NO _x |

SECTION 11: TOXICOLOGICAL INFORMATION

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| HEALTH EFFECTS: | May cause irritation of the eyes, skin, respiratory tract, and gastrointestinal tract. |
| CARCINOGENICITY: | None of the ingredients are known / listed carcinogens. |

INGREDIENT TOXICITY RANGES:

| | |
|-------------|-------------|
| ORAL: | None listed |
| DERMAL: | None listed |
| INHALATION: | None listed |

SECTION 12: ECOLOGICAL INFORMATION

This product is not known to be ecotoxic, persistent, or have the potential to bioaccumulate.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of in accordance with all national, regional / state, and local regulations. Reuse recovered product where possible.

SECTION 14: TRANSPORT INFORMATION

This product is not regulated as a transportation hazard.

SECTION 15: REGULATORY INFORMATION

SARA SECTION 311 / 312 HAZARD CATEGORY: ACUTE HAZARD

SECTION 16: OTHER INFORMATION

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|---------------|--------------|---|
| NFPA RATINGS: | HEALTH | 1 |
| | FLAMMABILITY | 0 |
| | INSTABILITY | 0 |

| | | |
|---------------|-----------------|---|
| HMIS RATINGS: | HEALTH | 1 |
| | FLAMMABILITY | 0 |
| | PHYSICAL HAZARD | 0 |

PREPARED BY: TS

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