

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND CONTACT INFORMATION

Product Name: EDTA Calibration Standard

AR2092, AR2030

Alpha Resources, Inc.
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2. COMPOSITION/INFORMATION ON INGREDIENTS

CAS NO.	%W	CHEMICAL NAMES	OSHA PEL (mg/m ³)	ACGIH TLV (mg/m ³)
60-00-4	100	Ethylenediaminetetraacetic Acid	Not established	Not established

3. HAZARD IDENTIFICATION

POTENTIAL HEALTH EFFECTS

EYES: No specific hazard known.

SKIN: Low hazard for usual industrial handling.

INHALATION: Low hazard for usual industrial handling.

INGESTION: Low hazard for usual industrial handling.

CHRONIC OVEREXPOSURE: Not available.

ACUTE OVEREXPOSURE: Not available.

MEDICAL CONDITIONS AGGRAVATED: Not available.

CARCINOGENICITY: None.

4. FIRST AID MEASURES

EYES: Flush with large amounts of water for 15 minutes.

INHALATION: Removed from exposure to fresh, if not breathing give artificial respiration. If breathing is difficult, give oxygen.

SKIN: Wash skin with plenty of soap and water. Wash contaminated clothing before reuse.

INGESTION: Wash out mouth with water provided person is conscious. Seek medical advice.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

Non-flammable

Flash Point: Not available

Flammable Limits: (% by Volume in Air): Lower: None Upper: None

AUTO-IGNITION TEMPERATURE: N/A

HAZARDOUS COMBUSTION PRODUCTS: Emits toxic fumes under fire conditions.

EXTINGUISHING MEDIA: Water spray, carbon dioxide, dry chemical or appropriate foam.

FIREFIGHTING INSTRUCTIONS: Wear self contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

SMALL/LARGE SPILL: Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete. .

7. HANDLING AND STORAGE

HANDLING: Do not breathe dust. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

STORAGE: Keep tightly closed in a cool dry place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Good ventilation should be sufficient.

RESPIRATORY PROTECTION: N/A

SKIN AND HAND PROTECTION: N/A

EYE AND FACE PROTECTION: Safety glasses recommended in industrial operations involving chemicals.

OTHER PROTECTIVE EQUIPMENT: N/A

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: white crystals

BOILING POINT: N/A

FREEZE-MELT POINT: 482 F (250 C)

VAPOR PRESSURE: N/A

VAPOR DENSITY: N/A

SOLUBILITY IN WATER: N/A

SPECIFIC GRAVITY: N/A

pH: N/A

ODOR: None

PERCENT VOLATILES: N/A

EVAPORATION RATE: N/A

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable

INCOMPATIBILITY: Strong oxidizing agents, strong bases, Copper, Copper alloys and Nickel.

HAZARDOUS DECOMPOSITION PRODUCTS: Combustion will produce toxic fumes of Carbon Monoxide, Carbon Dioxide and Nitrogen Oxides.

HAZARDOUS POLYMERIZATION: None.

11. TOXICOLOGICAL INFORMATION

Intraperitoneal Rat LD: 397 mg/kg

Oral Mouse LD50: 30 mg/kg

Intraperitoneal LD50: 250 mg/kg

12. ECOLOGICAL INFORMATION

None available.

13. DISPOSAL CONSIDERATION

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an after burner and scrubber. Observe all federal, state and local regulations.

14. TRANSPORTATION INFORMATION

USA DOT: Not regulated

15. REGULATORY INFORMATION

US FEDERAL REGULATIONS

TSCA STATUS: On toxic Substance Control Inventory

CERCLA Reportable Quantity: None

RCRA Status: Not available

SARA TITLE III:

Section 302 Extremely Hazardous Substances: None

Section 313 Toxic Chemicals: None

CANADAIN REGULATIONS

WHMIS: Classified D2B

16. OTHER INFORMATION

SUPPLEMENTAL INFORMATION

The data and information as stated was furnished by the manufacturer/vendor &/or supplier of this product. Alpha Resources, Inc. cannot warrant the accuracy of this information and shall not be responsible or liable for any damage that may result, should any of the information be erroneous.

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