

**MATERIAL SAFETY DATA SHEET**

PART NUMBER: R-526  
 IDENTITY: EDTA POWDER  
 MANUFACTURER: ROSEMOUNT ANALYTICAL INC.  
 ADDRESS: 2400 BARRANCA PARKWAY DATE REVISED: 01/26/11  
 IRVINE, CA 92606 PREPARED BY: R. MORRISON  
 TELEPHONE: 949/757-8500 REVISED BY: T. PHILLIPS  
 (1-800-424-9300 24 Hr. CHEMTREC/ CODE: RANA)

**SECTION 1--MATERIAL IDENTIFICATION AND INFORMATION**

COMPONENTS	CAS#	%	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMENDED
ETHYLENEDIAMINE-TETRAACETIC ACID DISODIUM SALT DIHYDRATE	6381-92-6	100.	N/A	N/A	N/A
NON-HAZARDOUS INGREDIENTS		0			
TOTAL		100			

No health hazard or other information is available for the solution of the mixture. The following sections are based on information obtained from <http://www.vwrsp.com/msds/10/MK4/MK493102.htm> and our best scientific understanding of the solution.

**SECTION 2--PHYSICAL/CHEMICAL CHARACTERISTICS**

BOILING POINT	N/A
SPECIFIC GRAVITY (H <sub>2</sub> O = 1)	N/A
VAPOR PRESSURE (mm Hg/TEMPERATURE)	No information found
MELTING POINT	252C (486F) Decomposes.
VAPOR DENSITY (AIR = 1)	No information found.
EVAPORATION RATE ( = 1)	No information found.
SOLUBILITY IN WATER	10 g in 100 g of water.
WATER REACTIVE	N/A
APPEARANCE AND ODOR	White Crystals. Odorless.

**SECTION 3--FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT AND METHOD USED	Not considered to be a fire hazard.
AUTO IGNITION TEMPERATURE	Unknown
FLAMMABILITY LIMITS IN AIR % BY VOLUME	N/A
LEL	no info found
UEL	no info found
EXTINGUISHER MEDIA	Any media
SPECIAL FIRE FIGHTING PROCEDURES	In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	N/A

**SECTION 4--REACTIVITY HAZARD DATA**

STABILITY: STABLE x UNSTABLE\_\_  
 CONDITIONS TO AVOID: Incompatibles.  
 INCOMPATIBILITY (MATERIALS TO AVOID: Oxidizing agents.  
 HAZARDOUS DECOMPOSITION PRODUCTS: Burning may produce carbon monoxide, carbon dioxide, nitrogen oxides.

HAZARDOUS POLYMERIZATION: MAY OCCUR        WILL NOT OCCUR   x    
HAZARDOUS POLYMERIZATION CONDITIONS TO AVOID: N/A

**SECTION 5--HEALTH HAZARD DATA: R-526**

PRIMARY ROUTES OF ENTRY: INHALATION   x   SKIN ABSORPTION   x    
INGESTION   x   NOT HAZARDOUS       

CARCINOGEN LISTED: NTP        IARC        OSHA        NOT LISTED   x  

HEALTH HAZARDS

ACUTE: Unknown

CHRONIC: No adverse health effects expected.

SIGNS AND SYMPTOMS OF EXPOSURE: N/A

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: No adverse health effects expected.

EMERGENCY FIRST AID PROCEDURES: SEE BELOW

EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get medical attention if irritation persists.

SKIN CONTACT: Immediately flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention if irritation develops.

INHALATION: Remove to fresh air. Get medical attention for any breathing difficulty.

INGESTION: Induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention.

**SECTION 6--CONTROL AND PROTECTIVE MEASURES**

RESPIRATORY PROTECTION (SPECIFY TYPE): NIOSHA/MSHA APPROVED RESPIRATOR

PROTECTIVE GLOVES: yes

EYE PROTECTION: yes

VENTILATION TO BE USED

LOCAL EXHAUST: yes

MECHANICAL (GENERAL): yes

SPECIAL: (NIOSH type N95 or better filters) may be worn. If oil particles (e.g. lubricants, cutting fluids, glycerine, etc.) are present, use a NIOSH type R or P filter.

OTHER (SPECIFY): N/A

PROTECTIVE CLOTHING AND EQUIPMENT: Wear a lab coat

HYGIENIC WORK PRACTICES: yes

**SECTION 7--PRECAUTIONS FOR SAFE HANDLING AND USE/LEAK PROCEDURES**

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED: Wet sweep powder

WASTE DISPOSAL METHODS: Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Not compatible with Oxidizing agents

OTHER PRECAUTIONS AND/OR SPECIAL HAZARDS: no info found

RATING:

HEALTH 1 FLAMMABILITY 1 REACTIVITY 0 SPECIFIC