

# MATERIAL SAFETY DATA SHEET



MANUFACTURER'S NAME: <b>ROTH INTERNATIONAL LIMITED</b>		<b>NFPA HAZARD CLASSIFICATIONS</b> <input type="checkbox"/> = HEALTH <input type="checkbox"/> = FLAMMABILITY <input type="checkbox"/> = REACTIVITY <input type="checkbox"/> = NOT FOUND 
DIST. BY: <b>ROTH INTERNATIONAL LIMITED</b> DENTAL PRODUCTS MANUFACTURING DIVISION 669 WEST OHIO STREET CHICAGO, ILLINOIS 60610-3958	EMERGENCY TELEPHONE NUMBER: 312 733-1478 INFORMATION TELEPHONE NUMBER: SAME	

## I. IDENTIFICATION

LABEL NAME: <b>EDTA, Disodium Salt, Dihydrate</b>	
TRADE OR PRODUCT NAME: <b>REDTA CHELATING AGENT REDTA AQUEOUS</b>	
FEMA NO. <b>N/A</b>	CAS NO. <b>6381-92-6</b>

## II. FIRE, EXPLOSION AND REACTIVITY DATA

FLASH POINT (METHOD): <b>N/A</b> ° F. TAG CLOSED CUP	
EXTINGUISHING MEDIA: <input type="checkbox"/> WATER <input type="checkbox"/> FOG <input checked="" type="checkbox"/> CO <sub>2</sub> <input checked="" type="checkbox"/> FOAM <input checked="" type="checkbox"/> DRY CHEMICAL	DOT HAZARD CLASSIFICATION: <b>NON-COMBUSTIBLE</b>
SPECIAL FIREFIGHTING PROCEDURES: Keep containers cool with fine water spray.	
HAZARDS FIRE AND EXPLOSION HAZARDS: None known.	
HAZARDOUS COMBUSTIBLE OR DECOMPOSITION PRODUCTS: Nitrogen Oxides, Carbon Monoxide, Carbon Dioxide	
STABILITY: Presents no significant reactivity hazard.	
CONDITIONS TO AVOID: None	
HAZARDOUS POLYMERIZATION PRODUCTS: None	

## III. PHYSICAL DATA

ODOR, APPEARANCE AND PHYSICAL STATE: <b>Clear, colorless solution with no odor</b>	
BOILING POINT: <b>N/A</b> °C °F	SPECIFIC GRAVITY (H <sub>2</sub> O = 1.0): <b>N/A</b>
MELTING POINT: <b>N/A</b> °C °F	
VAPOR PRESSURE: <b>N/A</b> mmHg at °C °F	SOLUBILITY IN H <sub>2</sub> O: <b>APPRECIABLE: (more than 10%)</b>
VAPOR DENSITY (AIR = 1): <b>Greater Than 1</b>	

## IV. PROTECTION INFORMATION

<b>RESPIRATORY:</b> No special procedures normally required. If excessive exposure produces adverse effects remove the individual to fresh air and keep at rest. Obtain medical advice if any symptoms persist.	<b>VENTILATION:</b> Special ventilation facilities are not normally required.
<b>EYE:</b> Irrigate copiously with water for at least ten minutes. Obtain medical advice.	<b>SKIN:</b> Prevent contaminated clothes. Wash affected area with water (or soap and water). If irritation persists obtain medical advice.
<b>OTHER PROTECTIVE DEVICES AND PROCEDURES:</b> Measures should be taken to prevent contact with eyes and skin.	

## V. OCCUPATIONAL EXPOSURE LIMIT

THRESHOLD LIMIT VALUE (TVL): <b>NONE ESTABLISHED.</b>
OSHA PERMISSIBLE EXPOSURE LIMIT (PEL): <b>NONE ESTABLISHED.</b>
HAS THE SUBSTANCE BEEN LISTED AS A CARCINOGEN OR POTENTIAL CARCINOGEN IN THE "ANNUAL REPORT ON CARCINOGENS" PUBLISHED BY NTP, BY THE INTERNATIONAL AGENCY FOR RESEARCH ON CANCER, OR BY OSHA? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO





## VI. HEALTH HAZARD INFORMATION

### HEALTH HAZARD DETERMINATION:

THIS PRODUCT IS A "MIXTURE" FOR WHICH NO HEALTH HAZARD DATA EXIST. THE HAZARD COMMUNICATION STANDARD REQUIRES THAT SUCH MIXTURES BE ASSUMED TO PRESENT THE SAME HEALTH HAZARDS AS DO COMPONENTS THAT CONSTITUTE AT LEAST 1% OF THE MIXTURE (0.1 % FOR CARCINOGENS) ALTHOUGH OSHA HAS NOTED THAT THE HAZARDS OF INDIVIDUAL COMPONENTS MAY BE ALTERED BY INCLUDING THEM IN A MIXTURE.

### HAZARDOUS INGREDIENTS:

THIS PRODUCT IS A MIXTURE SOME COMPONENTS OF WHICH WE CONSIDER TO BE A TRADE SECRET.

Medical conditions known to be aggravated – NONE KNOWN

Symptoms of overexposure – NONE KNOWN

### OVERALL DETERMINATION

REPEATED CONTACT MAY CAUSE CONTACT DERMATITIS.

## VII. EMERGENCY AND FIRST AID PROCEDURES

### INHALATION EXPOSURE:

REMOVE TO FRESH AIR

### EYE CONTACT:

RINSE WITH COPIOUS AMOUNTS OF WATER – SEE PHYSICIAN

### SKIN CONTACT:

WASH WITH SOAP AND WATER

### OTHER:

NONE

## VIII. SPILL, LEAK AND DISPOSAL PROCEDURES

### PRECAUTIONS IF MATERIAL IS SPILLED OR RELEASED:

Wipe, sponge or mop from contact area

### WASTE DISPOSAL METHODS:

Should be disposed of by a responsible contractor according to federal, state or local ordinances, or incinerated in keeping with all Environmental Protection Agency regulations.

## IX. HANDLING AND STORAGE PROCEDURES

Store in cool dry area protected from direct sunlight.  
Keep container closed when not in use.

## X. CHEMICAL AND COMMON NAMES

THIS MATERIAL IS A MIXTURE.

MATERIAL SAFETY DATA SHEET PREPARED BY: D. MAKAREWICZ

DATE 05/08/2011

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