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Careers with Chemistry

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EDTA MOST COMMONLY USED IN:
Blood test tubes to prevent clotting

CAS No: 6381-92-6

NFPA Health Rating:
(blue):1, (red):1, (yellow):0, (white):E

State: Solid/Crystalline Powder
Color: White
Solubility: aq. solution-
Soluble in water

POTENTIAL HEALTH EFFECTS
Irritation on eyes and skin, may cause respiratory tract irritation, gastrointestinal irritation with nausea, vomiting and diarrhea

PROTECTIVE WEAR
Safety goggles, gloves, protective clothing

CITE SDS:

CAREER
NURSE PRACTITIONER

MEDIAN SALARY
$98,190

EDUCATION
Master's Degree Required

AVAILABLE OF JOBS
Employment is projected to grow 35% from 2014-2024, much faster than the average

1ST SCHOOL
University of Illinois at Chicago, Master of Science in Nursing

2ND SCHOOL
Millikin University, Master's entry into Nursing Practice

JOB DESCRIPTION
Coordinate patient care and provide primary and specialty healthcare.

OTHER BENEFITS
Helping People
Extensive job opportunities

PARKLAND COLLEGE
CHE 100-201
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CHEMICAL NAME
EDTA-Common Name
Ethylenediaminetetraacetic acid, disodium salt, dihydrate

CHEMICAL FORMULA
C_{10}H_{14}N_{2}Na_{2}O_{8} \cdot 2H_{2}O

TYPE of COMPOUND
Both Covalent and Ionic

MELTING POINT
252 Celsius, 486 Fahrenheit, 525 Kelvin

BOILING POINT
Decomposes

BALANCED EQUATION
10CO_{2}+2NaOH+N_{2}+9H_{2} \rightarrow C_{10}H_{14}N_{2}Na_{2}O_{8} \cdot 2H_{2}O

MOLAR MASS
372.28 g/mol

PERCENT COMPOSITION
C-32.26% H_{2}-3.798% N_{2}-7.527% O_{2}-34.38% Na-12.35%

Cite Occupational Handbook: