

SIGMA CHEMICAL CO SIGMA DIAGNOSTICS DIV -- ETHYLENEDIAMINETETRAACETIC ACID  
TETRASODIUM -- 6550-01-351-9254

===== Product Identification =====

Product ID:ETHYLENEDIAMINETETRAACETIC ACID TETRASODIUM

MSDS Date:09/14/1987

FSC:6550

NIIN:01-351-9254

Kit Part:Y

MSDS Number: BQKLK

=== Responsible Party ===

Company Name:SIGMA CHEMICAL CO SIGMA DIAGNOSTICS DIV

Address:3050 SPRUCE ST

City:ST LOUIS

State:MO

Z

IP:63103

Country:US

Info Phone Num:800-325-3010

Emergency Phone Num:314-771-5785

CAGE:0DK69

=== Contractor Identification ===

Company Name:BAXTER HEALTHCARE CORP/PHARMASEAL DIVISION

Address:808 HIGHWAY 24 WEST

Box:City:MOBERLY

State:MO

ZIP:65270

Country:US

CAGE:0GGW9

Company Name:SIGMA CHEMICAL CO SIGMA DIAGNOSTICS DIV

Address:3050 SPRUCE ST

Box:City:ST LOUIS

State:MO

ZIP:63103-2530

Country:US

Phone:314-771-5765

CAGE:0DK69

===== Composition/Information on Ingredients =====

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ingred Name:TETRASODIUM ETHYLENEDIAMINETETRAACETATE \*92-4\*  
CAS:10378-23-1

===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:INHALATION: HARMFUL. UPPER RESPIRATORY  
TRACT & MUCOUS MEMBRANES IRRITATION. INGESTION: HARMFUL. SKIN:  
HARMFUL ABSORPTION. EYES: IRRITATION.  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure:THE C  
HEMICAL, PHYSICAL & TOXICOLOGICAL  
PROPERTIES HAVE NOT BEEN THOROUGHLY INVESTIGATED.

===== First Aid Measures =====

First Aid:EYES: IMMEDIATELY FLUSH W/COPIOUS AMOUNTS OF WATER FOR AT  
LEAST 15 MINS. SKIN: IMMEDIATELY WASH W/SOAP & WATER. INHALATION:  
REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION.  
IF BREAT HING IS DIFFICULT, GIVE OXYGEN. INGESTION: OBTAIN MEDICAL  
ATTENTION IN ALL CASES.

===== Fire Fig  
hting Measures =====

Extinguishing Media:CO2, DRY CHEMICAL POWDER, ALCOHOL OR POLYMER FOAM.  
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS &  
PROTECTIVE CLOTHING TO PREVENT CONTACT W/SKIN/EYES.  
Unusual Fire/Explosion Hazard:EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

===== Accidental Release Measures =====

Spill Release Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS.  
RUBBER BOOTS & HEAVY RUBBER GLOVES. SWEEP UP, PLACE IN A  
BAG & HOLD  
FOR WASTE DISPOSAL. AVOID RAISING DUST.

===== Handling and Storage =====

Handling and Storage Precautions:KEEP TIGHTLY STORED. STORE IN A COOL  
DRY PLACE.  
Other Precautions:AVOID CONTACT & HANDLING. AVOID CONTACT W/SKIN/EYES &  
CLOTHES.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NIOSH/MSHA APPROVED RESPIRATOR  
Ventilation:MECHANICAL EXHAUST  
Protective Gloves:RUBBER  
Eye Protection:CHEMICAL

## SAFETY GLASSES

Work Hygienic Practices: REMOVE & WASH CONTAMINATED CLOTHES BEFORE REUSE. WASH HANDS THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

===== Physical/Chemical Properties =====

Melt/Freeze Pt: M.P/F.P Text: >300C

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS, STRONG ACIDS

Hazardous Decomposition Products: TOXIC FUMES, CO<sub>2</sub>, CO, NITROGEN OXIDES

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===== Disposal Considerations =====

Waste Disposal Methods: DISSOLVE OR MIX THE MATERIAL W/A COMBUSTIBLE SOLVENT & BURN IN A CHEMICAL INCINERATOR EQUIPPED W/AN AFTERBURNER & SCRUBBER. OBSERVE ALL FEDERAL, STATE & LOCAL LAWS.

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