

BAYER CORPORATION, DIAGNOSTICS DIVISION -- 2126 CLINITEST REAGENT TABLETS -- 6550-00-149-0220

==== Product Identification =====

Product ID:2126 CLINITEST REAGENT TABLETS
MSDS Date:07/28/1995
FSC:6550
NIIN:00-149-0220
MSDS Number: CGWZH
=== Responsible Party ===
Company Name:BAYER CORPORATION, DIAGNOSTICS DIVISION
Address:511 BENEDICT AVE
City:TARRYTOWN
State:NY
ZIP:10591-5005
Country:US
Info Phone Num:800-348-8100
Emergency Phone Num:800-424-9300 (CHEMTREC)/219-264-8400
Preparer's Name:T.E. GARLAND
CAGE:GO574

==== Contractor Identification ===

Company Name:BAYER CORPORATION-PHARMACEUTICAL DIVISION
Address:400 MORGAN LANE
City:WEST HAVEN
State:CT
ZIP:06516-4175
Country:US
Phone:800-243-4153/203-937-2000
CAGE:GO574
Company Name:TECHNICON INSTRUMENTS CORP/BAYER CORP DIAGNOSTIC DIV
Address:511 BENEDICT AVE
Box:City:TARRYTOWN
State:NY
ZIP:10591-5005
Country:US
Phone:914-353-1427
CAGE:59426

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

Ingred Name:COPPER SULFATE
Fraction by Wt: 3%
Other REC Limits:NONE RECOMMENDED

Ingred Name:SODIUM HYDROXIDE (CERCLA)
CAS:1310-73-2
RTECS #:WB4900000
Fraction by Wt: 35%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:2 MG/M3
ACGIH TLV:C 2 MG/M3; 9596
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

==== Hazards Identification =====

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:REPEATED CONTACT W/DIL SODIUM
HYDROXIDE SOLNS MAY CAUSE DERM.INHAL:CORRO!INHAL OF DUSTS/MISTS MAY
CAUSE SEVERE RESP IRRIT W/POSSIBLE PULM
EDEMA.INGEST:CORRO!SWALLOWING MAY CAUSE GI BURNS & DMG.SKIN:CO
RRO!CONTACT MAY CAUSE SEVERE CHEMICAL BURNS, TISSUE
DESTRUCTION.EYE:CORRO!MAY CAUSE SEVERE CHEM BURNS, POSSIBLE
BLINDNESS.
Explanation of Carcinogenicity:PER MSDS:CARCINOGEN OR SUSPECTED
CARCINOGEN:NONE OF COMPO LISTED AS CARCINOGEN OR SUSPECTED
CARCINOGEN.
Effects of Overexposure:REPEATED CONTACT W/DILUTE SODIUM HYDROXIDE
SOLUTIONS MAY CAUSE DERMATITIS.
Medical Cond Aggravated by Exposure:PRE-EXISTING SKIN DISEASES AND
CONDITIONS.

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

First Aid:CALL PHYSICIAN IMMED.ARRANGE FOR TRANSP TO NEAREST ER (EMERG
RM).WHILE AWAITING PHYSICIAN/TRANSP:INHAL:NOT BREATH GIVE ART
RESP;BREATH DIFFI GIVE OXY.GET IMMED MED ATTN.INGEST:WASH OUT MOUTH
W/H2O PR OVIDED PERSON CONSC.GIVE 1 OR 2 GLASSESOF MILK/H2O TO
DIL.DONT INDUCE VOMIT.GET IMMED MED ATTN.SKIN:IMMED REMOVE CONTAM
CLOTH/WASH WELL W/H2O FOR @LEAST 15MINS.GET PROMPT MED.
ATTN.EYE:FLUSH W/(SUPPL)

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===== Fire Fighting Measures =====

Flash Point:NONE
Autoignition Temp:Autoignition Temp Text:NP
Lower Limits:NA
Upper Limits:NA
Extinguishing Media:CO2 PREFERRED ON SMALL FIRES IN SURROUNDING
AREA.WATER ON TABLETS WILL CAUSE CHEMICAL REACTION.
Fire Fighting Procedures:ITS ALWAYS BEST TO WEAR SELF-CONTAINED
BREATHING APPARATUS.WET TABLETS ARE CORROSIVE-PREVENT CONTACT.
Unusual Fire/Explosion Hazard:EXPO TABLETS CONTACT W/WATER COULD
GENERATE SUFFICIENT HEAT TO IGNITE SURROUNDING COMBUSTIBLE MATL.

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

Spill Release Procedures:WEAR APPROP PPE.TAKE UP SPILL TABLETS,DISSOLVE
ONE @TIME IN OPN CNTNR.CAUTION!RESULTING SOLN WILL BE VERY
CAUSTIC.HANDLE AS CONCEN SOLN OF SODIUM HYDROXIDE.WIPE SPILL AREA
W/DAMP PAPER TOWELS & PROPER LY DISPOSE.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE @TEMP/CONDITIONS AS INDICATED ON
PRODUCT LABELS.KEEP CNTNRS CLSD.EXCESSIVE MOISTURE MAY CAUSE
CHEMICAL RX& BTL EXPLO MAY OCCUR.
Other Precautions:CORROSIVE!PREVENT CONTACT W/EYE/SKIN/CLOTH.KEEP
TABLETS DRY, TABLETS HIGHLY SENSITIVE TO MOISTURE FROM AIR OR
WATER.WHEN WET OR DISSOLVED MATL IS VERY CAUSTIC.PH WET-VERY

CAUSTIC.

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

Respiratory Protection:NONE REQUIRED.
Ventilation:USE GENERAL ROOM VENTILATION.
Protective Gloves:STD LAB CHEM RUBB OR LATEX GLOVES
Eye Protection:CHEM SAF GOGG &/OR FACESHIELD
Other Protective Equipment:CONTACT LENSES SHOULD NOT BE WORN IN
LABORATORY.NONE REQUIRED.
Work Hygienic Practices:WASH CONTAM CLOTH BEF REUSE.
Supplemental Safety and Health
1SAID:COPIOUS AMTS OF H2O FOR @LEAST 15MINS.RAISE EYELIDS SEVERAL TIMES
TO SURE MATL RINSED OUT.TRANSPO TO HOSP TO SEE OPHTHALMOLOGIST.

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

HCC:B1
Boiling Pt:B.P. Text:NA
Melt/Freeze Pt:M.P/F.P Text:NA
Decomp Temp:Decomp Text:NP
Vapor Pres:NA
Vapor Density:NP
Spec Gravity:N/DETERMINED
pH:NA-DRY
Viscosity:NP
Evaporation Rate & Reference:NA
Solubility in Water:COMPLETELY SOLUBLE
Appearance and Odor:SOLID PALE BLUE TABLETS W/NO MARKINGS.WHEN
WET/DISSOLVED MATL VERY CAUSTIC.
Percent Volatiles by Volume:NP
Corrosion Rate:NP

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

Stability Indicator/Materials to Avoid:YES
AVOID ACCIDENTAL CONTACT W/MOISTURE/WATER.AVOID ACIDS,FLAMMABLE
LIQUIDS,ORGANICS,AND METALS.
Stability Condition to Avoid:MOISTURE WILL START CHEMICAL REACTION
WHICH WILL RELEASE GAS AND HEAT.
Hazardous Decomposition Products:DECOMPOSITION IN WATER WILL PRODUCE A
CAUSTIC SOLUTION AND HEAT.

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

Waste Disposal Methods:ECOLOGICAL EFFECTS OF MIXTURE HAVENT BEEN
DETERMINED.PROD CONTAINS 3#COPPER SULFATE-HAS BEEN KNOWN TO HARM
AQUATIC PLANTS.EA DISPO FACIL MUST DETERMINE PROPER DISPO METHODS
TO COMPLY W/LOC/STATE/FED E NVIRO REGS.SARA 313 CHEM:COPPER CMPD
3%-COPPER SUL

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