

EASTMAN KODAK COMPANY -- 101 3176 KODAK LIQUID DEVELOPER SYSTEM CLEANER, CONCENTRATE -- 6750-01-026-9410

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

Product ID:101 3176 KODAK LIQUID DEVELOPER SYSTEM CLEANER, CONCENTRATE

MSDS Date:02/01/1995

FSC:6750

NIIN:01-026-9410

MSDS Number: BWPZW

=== Responsible Party ===

Company Name:EASTMAN KODAK COMPANY

Address:343 STATE STREET

City:ROCHESTER

State:NY

ZIP:14650

Cou

ntry:US

Info Phone Num:716-477-3194 MSDS :800- 242-2424

Emergency Phone Num:716-722-5151

CAGE:19139

=== Contractor Identification ===

Company Name:EASTMAN KODAK CO GOVERNMENT MARKETS CONTRACTS

Address:343 STATE ST

Box:City:ROCHESTER

State:NY

ZIP:14650-1115

Country:US

Phone:716-722-5151/(800) 242-2424

CAGE:19139

Company Name:EASTMAN KODAK CO US CUSTOMER SERVICE/GOVERNMENT SALES

Address:800 LEE RD

Box:City:ROCHESTER

State:NY

ZIP:14650-3129

Country:US

Phone:800-828-6203

CAGE:5K871

===== C

Composition/Information on Ingredients =====

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: 65-70%
Other REC Limits:NONE RECOMMENDED

Ingred Name:SODIUM BICHROMATE (SARA III)
CAS:10588-01-9
RTECS #:HX7700000
Fraction by Wt: 18%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:C 0.1 MG (CRO3)/M3
ACGIH TLV:0.05 MG(CR)/M3; 9394
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

Ingred Name:SULFURIC ACID (SARA III)
CAS:7664-93-9
RTECS #:WS5600000
Fraction by Wt: 17%
Other REC Limits:NONE
RECOMMENDED
OSHA PEL:1 MG/M3
ACGIH TLV:1 MG/M3; 9394
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO
Health Hazards Acute and Chronic:INHAL:HARMFUL IF INHALED. EYES:CAUSES SEVERE BURNS. SKIN:CAUSES SEVERE BURNS. HARMFUL IF ABSORBED THRU SKIN. MAY CAUSE ALLERGIC SKIN REACTION. INGEST:HARMFUL IF INGESTED. MAY CAUSE BURNS OF GASTROINTESTINAL TRACT IF INGEST. CAN CAUSE KIDNEY DAMAGE.
Explanation of Carcinogenicity:PER MSDS:IARC HAS DETERMINED THAT OCCUPATIONAL EXPO TO HEXAVALENT CR CMPDS & STRONG INORG MIST/VAP W/H3SO4 MIST ARE CARC
Effects of Overexposure:SEVERE EYE/SKIN GI TRACT BURNS. KIDNEY DAMAGE. HARMFUL IF ABSORBED THRU SKIN/INGEST/INHAL. ALLERGIC SKIN REACTION.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

=====

First Aid:INHAL:IF SYMPTOMATIC MOVE TO FRESH AIR. GET MED ATTN IF SYMPTOMS PERSIST. EYE:IMMED FLUSH W/PLENTY OF WATER FOR @LEAST 15MINS. GET MED ATTN IMMED. SKIN:IMMED FLUSH W/PLENTY OF WATER FOR @LEAST 15MINS W HILE REMOVEING CONTAMIN CLOTH/SHOES. GEMED ATTN IMMED. INGEST:DO NOT INDUCE VOMIT. GIVE A GLASS OF WATER. NEVER GIVE ANYTHING BY MOUTH TO UNCONSCIOUS PERSON. CALL PHYSICIAN/POISON CNTRL CNTR IMMED.

===== Fire Fighting Measures

=====

Flash Point:NONE, NON-COMBUS
Extinguishing Media:USE APPROPRIATE AGENT FOR ADJACENT FIRE.
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS & PROTECTIVE CLOTHING. FIRE/EXCESSIVE HEAT MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS.
Unusual Fire/Explosion Hazard:SOLUTION CONTAINS A STRONG OXIDIZER. DRIED PRODUCT RESIDUE CAN ACT AS AN OXIDIZER.

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

Spill Release Procedures:ABSORB W/VER MICULITE OR OTHER INERT MATL THEN PLACE IN CONTAINER FOR CHEMICAL WASTE. CLEAN SURFACE THOROUGHLY TO REMOVE RESIDUAL CONTAMINATION.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:DO NOT BREATHE MIST/VAP.DO NOT GE IN EYES/SKIN/CLOTH.USE ONLY W/ADEQUATE VENTILATION.KEEP CNTNR CLSD.KEEP AWAY FROM INCOMPATIBLE SUTBSTANCES.
Other Precautions:STRONGLY ACIDIC AQU SOLN;HAS NOT BEEN TESTED FOR ENVIRO EFFECTS.NO BIOCHEM OXY DEMAND,NO POT TO CAUSE OXY DEPLETION IN AQU SYS,HI POT TO AFFECT SOME AQUATIC ORGANISMS & 2ND WASTE TREATMENT MICROBIAL M ETABOLISM & GERMINATION &/OR EARLY(SUPP)

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

Respiratory Protection:IF ENGINEERING CONTROLS DO NOT MAINTAIN AIRBORNE CONC BELOW RECOMMENDED EXPOSURE LIMITS AN APPROVED RESPIRATOR MUST BE WORN. RESP TYPE:ACID GAS.IF RESP USED A PROGRAM SHOULD BE IN

STITUTED TO ASSURE CO MPLIANCE W/OSHA STD 29CFR1910.134.

Ventilation:USE PROCESS ENCLOSURES/LOC EXH VENTI/OTHER ENGINEERING

CONTROLS TO MAINTAIN AIRBORNE LEVELS BELOW RECOMMENDED EXPO LIMIT

Protective Gloves:NEOPRENE RUBBER GLOVES

Eye Protection:SAF GLASSES W/SIDE SHIELDS,GOGG,FACESHIE

Other Protective Equipment:IMPERV PROT CLOTH APPROPRIATE FOR EXPO

RISK.EYEBATH,WASHING FACILITIES,SAFETY SHOWER.

Work Hygienic Practices:WASH CONTAMIN CLOTH BEFORE REUSE.DESTROY/CLEAN

WELL CONTAMIN SHO

ES.WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

OTHER PRECAUT:GROWTH OF SOME PLANTS;LOW POT TO BIOCONC.AFT DIL W/LG

AMTS OF WATER & 2ND WASTE TREATMENT MATL IS NOT EXPECTED TO CAUSE

ADVERSE ENVIRO EFFECTS. TO MAKE 6 GALLONS.

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

HCC:C1

Boiling Pt:B.P. Text:>212F,>100C

Vapor Pres:18MM @20C

Vapor Density:0.6

Spec Gravity:1.262

pH: