

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

Co

untry: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

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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:NON  
E 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 GASTROINTE STINAL 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 =====

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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/VE RMICULITE 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

INSTITUTED TO ASSURE COMPLIANCE W/OSHA STD 29CFR1910.134.

Ventilation:USE PROCESS ENCLOSURES/LOCAL EXHAUST/OTHER ENGINEERING

CONTROLS TO MAINTAIN AIRBORNE LEVELS BELOW RECOMMENDED EXPOSURE LIMIT

Protective Gloves:NEOPRENE RUBBER GLOVES

Eye Protection:SAFETY GLASSES W/SIDE SHIELDS,GOGGLES,FACE SHIELD

Other Protective Equipment:IMPERVIOUS PROTECTIVE CLOTHING APPROPRIATE FOR EXPOSURE

RISK.EYEBATH,WASHING FACILITIES,SAFETY SHOWER.

Work Hygienic Practices:WASH CONTAMINATED CLOTHING BEFORE REUSE.DESTROY/CLEAN

WELL CONTAMINATED

RESIDUES.WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

OTHER PRECAUTIONS:GROWTH OF SOME PLANTS;LOW POTENTIAL TO BIOCONCENTRATE.AFTER DILUTION W/LARGE

AMOUNTS OF WATER & 2ND WASTE TREATMENT MATERIAL IS NOT EXPECTED TO CAUSE

ADVERSE ENVIRONMENTAL EFFECTS. TO MAKE 6 GALLONS.

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

HCC:C1

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

Vapor Pressure:18MM @20C

Vapor Density:0.6

Specific Gravity:1.262

pH: