

EASTMAN KODAK CO. -- 186 2176,EKTPRNT 2 DEVL, PART D (PRE 3/84) -- 6750-01-214-4621
===== Product Identification =====

Product ID:186 2176,EKTPRNT 2 DEVL, PART D (PRE 3/84)

MSDS Date:10/20/1984

FSC:6750

NIIN:01-214-4621

Kit Part:Y

MSDS Number: BGQSJ

=== Responsible Party ===

Company Name:EASTMAN KODAK CO.

Address:343 STATE STREET

City:ROCHESTER

State:NY

ZIP:14650

Country:US

Info Phone Num:AREA MAR

KETING & DISTRIBUTION CNTR

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

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

Ingred Name:POTASSIUM CARBONATE; WT % RANGE:35-40%

CAS:584-08-7

RTECS #:TS7750000

Fraction by Wt: 37.5%

Ingred Name:POTASSIUM HYDROXIDE (SARA I

II)
CAS:1310-58-3
RTECS #:TT2100000
Fraction by Wt: 03.0%
OSHA PEL:C, 2 MG/M3
ACGIH TLV:C 2 MG/M3; 9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:POTASSIUM SULFITE; WT % RANGE:1-5%
CAS:10117-38-1
RTECS #:WT3530000
Fraction by Wt: 03.0%

Ingred Name:1-HYDROXYETHYLIDENE-1,1-DIPHOSPHONIC ACID DIPOTASSIUM SALT;
WT % RANGE:1-5%
CAS:21089-06-5
Fraction by Wt: 03.0%

Ingred Name:WATER; WT % RANGE:55-60%
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: 57.5%

===== Hazar
ds Identification =====

LD50 LC50 Mixture:LD50 ORL RAT:0.5-5.0 G/KG
Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Effects of Overexposure:INHALATION:NOT INDICATED BY
MANUFACTURER;EYES:LIQUID CAUSES BURNS; SKIN:PROLONGED OR REPATED
SKIN CONTACT MAY CAUSE SKIN IRRITATION AND/OR BURNS; INGESTION:MAY
BE HARMFUL AND MAY CAUSE BURNS.

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

First A
id:INHALATION:REMOVE TO FRESH AIR,TREAT SYMPTOMATICALLY & GET
MEDICAL ATTN IF SYMTOMS PERSIST; EYES:IMMEDIATELY FLUSH W/PLENTY OF
WATER FOR AT LEAST 15 MIN & GET MED ATTN IF SYMPTOMS PERSIST;
SKIN:FLUSH W/WATER.IF IRRITATION OR AN ALLERGIC REACTION
DEVELOPS,GET MED ATTN; INGESTION:DO NOT INDUCE VOMITING.IF
CONSCIOUS GIVE ONE GLASS OF MILK OR WATER.NEVER GIVE ANYTHING BY
MOUTH TO UNCON.GET MED ATTN.

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

Fla

sh Point:NONE

Extinguishing Media:NOT COMBUSTIBLE:USE MEDIA SUITABLE FOR ADJACENT FIRE.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:CONTAINERS MAY RUPTURE IN HEAT OF FIRE.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIP.ELIM IGN SOURCES.EVACUATE UNPROTECTED PERSONS;SM SPILLS:ABSORB W/INERT ABSORBENT & NEUTRALIZE Q/SODIUM BISULFATE.FLUSH TO SEWER W/LG MATS OF H*20;LG SPILLS:CONTAIN W/DIKE & TRANS FER TO APPROPRIATE CONTAINERS FOR LATERDISPOSAL.

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

Handling and Storage Precautions:STORE IN COOL,DRY,WELL VENTILATED,LOW FIRE RISK AREA.PROTECT FROM PHYSICAL DAMAGE.AVOID ANY PHYSICAL CONTACT.KEEP CONTAINERS TIGHTLY CLOSED.

Other Precautions:WARNING!CAUSES EYES BURNS.CAUSES SKIN IRRITATION.AVOID EYES,SKIN & CLOTHING CONTACT.AVOID CONTACT WITH ST RONG ACIDS.KEEP OUT OF REACH OF CHILDREN.IF SWALLOWED DON'T INDUCE VOMIT; PH: >13.0

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

Ventilation:MECHANICAL(GEN./LOCAL EXHAUST) AS NECESSARY TO CONTROL MIST

Protective Gloves:IMPERVIOUS

Eye Protection:SAFETY/CHEM GOGGLES

Other Protective Equipment:NORMAL FULL WORK CLOTHING COVERING ARMS,LEGS;NO SKIN CONTACT

Supplemental Safety and Health

ITEM HAS 7 PARTS IN THE KIT UNTIL NOV 80 UNDER CAT #121 6407.AFTER NOV 80 MFR C

HANGD CAT # TO 186 2176 AS WELL AS FORMULATION OF THIS PART. SEE PNI 'H' FOR NEW PART,SAME NSN;THIS ENTRY IS OF EKTAPRINT 2 DEVELOPER,PART D;THIS PART MAY BE MARKED WITH 186 2051; KEY1:C2;SOLUTION #4487 REMAINS THE SAME;YIELDS 1 GAL.

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

HCC:C1

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

Vapor Pres:20

Vapor Density:0.6

Spec Gravity:1.44

pH:13.0

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR, COLORLESS SOLUTION; ODORLESS

Percent Volatiles by Volume:55%

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

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS.

Stability Condition to Avoid:HIGH TEMPERATURE/HEAT

Hazardous Decomposition Products:COMBUSTION MAY PRODUCE OXIDES OF
CARBON, AND SULFUR

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

Waste Disposal Methods:DISPOSE IN FULL ACCORD WITH ALL APPLICABLE
INTERNATIONAL,FEDERAL,STATE,& LOCAL REGULATIONS.MFG SUGGEST
S

NEUTRALIZE WITH SODIUM BISULFATE & FLUSH TO SEWER WITH EXCESS
WATER.

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