

EASTMAN KODAK COMPANY -- 101 0032 INDUSTREX MANUAL DEVL & REPL,PT A(--
6750-00-905-5123

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

Product ID:101 0032 INDUSTREX MANUAL DEVL & REPL,PT A(

MSDS Date:07/01/1992

FSC:6750

NIIN:00-905-5123

Kit Part:Y

MSDS Number: BFVWX

=== Responsible Party ===

Company Name:EASTMAN KODAK COMPANY

Address:343 STATE STREET

City:ROCHESTER

State:NY

ZIP:14650

Country:US

Info Phone Nu

m:716-722-5151

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 HYDROXIDE (SARA III)

CAS:1310-58-3

RTECS #:TT2100000

Fraction by Wt: 1-5%

Other REC Limits:NONE SPECIFIED BY M.

OSHA PEL:C, 2 MG/M3

ACG

IH TLV:C 2 MG/M3; 9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:HYDROQUINONE (SARA III)
CAS:123-31-9
RTECS #:MX3500000
Fraction by Wt: 4.0%
Other REC Limits:NONE SPECIFIED BY M.
OSHA PEL:2 MG/M3
ACGIH TLV:2 MG/M3; 9192
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:P-METHYLAMINOPHENOL SULFATE;
CAS:55-55-1
RTECS #:SL8650000
Fraction by Wt: 1-5%
Other REC Limits:NONE NORMALLY REQUI.

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: 65-70%

Ingred Name:POTASSIUM SULFI
TE
CAS:10117-38-1
Fraction by Wt: 10-15%
Other REC Limits:NONE SPECIFIED

Ingred Name:SODIUM SULFITE
CAS:7757-83-7
RTECS #:WE2150000
Fraction by Wt: 5-10%
Other REC Limits:NONE SPECIFIED

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

LD50 LC50 Mixture:ORAL, LD50 (RAT) = 2-5 ML/KG
Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE-SKIN:IRRITATION. EYE:IRRITATION,
BURNS. INHA

LATION:LOW HAZARD. INGESTION:HARMFUL, MAY CAUSE BURNS OF
INTESTINAL TRACT. CHRONIC-SKIN ALLERGIC REACTION.
Effects of Overexposure:EYES:IRRITATION, REDNESS, BURNS.
SKIN:IRRITATION. INGESTION:STOMACHACHE, DIARRHEA.
Medical Cond Aggravated by Exposure:SKIN DISORDERS.

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

First Aid:INHALATION:REMOVE TO FRESH AIR. EYE CONTACT:FLUSH WITH WATER
FOR 15 MINUTES. GET MEDICAL ATTENTION IMMEDIATELY. SKIN
CONTACT:WASH WITH SO
AP AND WATER. GET MED ATTENTION IF SYMPTOMS
PERSIST. INGESTION: DO NOT INDUCE VOMITING. DRINK 1-2 GLASSES OF
WATER, GET MEDICAL HELP IMMEDIATELY.

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

Flash Point:NONE
Extinguishing Media:NOT COMBUSTIBLE:USE MEDIA SUITABLE FOR ADJACENT
FIRE.
Fire Fighting Procedures:FIRE FIGHTERS SHOULD WEAR PROTECTIVE CLOTHING
AND SELF-CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY CAUSE

PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS;CONTNRS MAY RUPTURE
IN HEAT.

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

Spill Release Procedures:WEAR SUITABLE PROTECTIVE EQUIP. AVOID CONTACT
W/LIQ; ABSORB WITH INERT MATERIAL AND SAVE IN A DISPOSAL CONTAINER.
FLUSH RESIDUE TO AN ACID FREE SEWER WITH LARGE AMTS OF WATER.

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

Handling and Storage Precautions:STORE IN COOL,DRY,WELL VENTILATED

AREA; PROTECT FROM PHYSICAL DAMAGE & AVOID CONTACT. KEEP CONTAINERS
TIGHTLY CLOSED. PREVENT SKIN CONTACT.
Other Precautions:REMOVE & WASH CONTAMINATED CLOTHING. MAINTAIN STRICT
HYGIENE. USE OF NON-ALKALINE(ACID) TYPE HAND CLEANER REDUCES RISK
OF ALLERGIC SKIN REACTION. DO NOT REUSE EMPTY CONTAINERS.

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

Respiratory Protection:NONE SHOULD BE NEEDED
Ventilation:MECHANICAL(GENERAL) RECOMMENDED,LOCAL EXHAUST IF NEEDED
Pr

Protective Gloves: IMPERVIOUS/RUBBER

Eye Protection: SAFETY/CHEM GOGGLES.

Other Protective Equipment: FULL WORK CLOTHING; FACE SHIELD WHEN USING/MIXING PRODUCT.

Work Hygienic Practices: DO NOT EAT, DRINK OR SMOKE WHILE WORKING WITH THIS PRODUCT.

Supplemental Safety and Health

THIS IS PART A OF 2 PART KIT, THIS ENTRY DESCRIBES NEW FORMULATION AND NEW CAT #, FOR OLD CAT#, SEE P/N IND A, THIS NSN, APPROX PH 12.0. THIS CAT # IS FOR MAKING 1 GALLON.

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

HCC: B3

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

Vapor Pres: 18 MMHG

Vapor Density: 0.60

Spec Gravity: 1.29

pH: 12.0

Solubility in Water: COMPLETE

Appearance and Odor: LIGHT BROWN LIQUID; ODORLESS

Percent Volatiles by Volume: 65%

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

Stability Indicator/Materials to Avoid: YES

MINERAL ACIDS

Stability Condition to Avoid: EXCESSIVE HEAT

Hazardous Decomposition Products: SULFUR DIOXIDE

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

Waste Disposal Methods: DISPOSE IN FULL ACCORDANCE WITH ALL APPLICABLE INTERNATIONAL, FEDERAL, STATE & LOCAL REGULATIONS. MFG SUGGESTS FLUSH TO SEWER W EXCESS H₂O.

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