

EASTMAN KODAK COMPANY -- 146 4932 DK-50 DEVELOPER,PART A -- 6750-00-266-7627
===== Product Identification =====

Product ID:146 4932 DK-50 DEVELOPER,PART A

MSDS Date:05/31/1995

FSC:6750

NIIN:00-266-7627

Kit Part:Y

MSDS Number: BDRHN

=== Responsible Party ===

Company Name:EASTMAN KODAK COMPANY

Address:343 STATE STREET

City:ROCHESTER

State:NY

ZIP:14650

Country:US

Info Phone Num: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

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

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

Ingred Name

:HYDROQUINONE (SARA 302/313) (CERCLA)

CAS:123-31-9

RTECS #:MX3500000

Fraction by Wt: 50%

Other REC Limits:NONE SPECIFIED

OSHA PEL:2 MG/M3

ACGIH TLV:2 MG/M3; 9495

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:P-METHYLAMINOPHENOL SULFATE (METOL)

CAS:55-55-1

RTECS #:SL8650000

Fraction by Wt: 45 - 50%

Other REC Limits:NONE SPECIFIED

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

LD50 LC50 Mixture:TLV FOR HYDROQUINONE IS 2 MG/M3.

Routes of Entry: Inhalation:YES Skin:NO Inge

stion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:TARGET ORGANS:EYES, SKIN, RESPIRATORY AND GASTROINTESTINAL TRACTS. ACUTE- CAUTION. CONTAINS HYDROQUINONE. INHALE:MAY CAUSE IRRITATION. HARMFUL IF INHALED. EYES/SKIN:CAUSES IRRITATION. MAY CAUSE ALLERG IC SKIN REACTION. ORAL:HARMFUL IF SWALLOWED. MAY CAUSE IRRITATION OF GI TRACT. CHRONIC- MAY CAUSE EYE INJURY.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, AL LERGIC SKIN REACTION, EYE INJURY, PAIN

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN DISORDERS, EYE PROBLEMS OR IMPAIRED RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

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

First Aid:GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. SKIN:REMOVE CONTAMINATED CLOTHING. WASH SKIN WITH SOAP & WATER. EYE:FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. INHALED:REMOVE TO

FRESH

AIR. PROVIDE OXYGEN/CPR IF NEEDED. ORAL:IF CONSCIOUS, INDUCE VOMITING IMMEDIATELY AS DIRECTED BY MEDICAL PERSONNEL. CALL A PHYSICIAN/POISON CONTROL CENTER IMMEDIATELY. NEVER GIVE ANYTHING TO AN UNCONSCIOUS PERSON.

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

Flash Point:NONE

Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, DRY CHEMICAL. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED

SELF-CONTAINED BREATHING APPARATUS. FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCT.

Unusual Fire/Explosion Hazard:POWDERED MATERIAL MAY FORM EXPLOSIVE DUST- AIR MIXTURES.

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

Spill Release Procedures:WEAR PERSONAL PROTECTIVE EQUIPMENT. VACUUM SPILLAGE WITH A VACUUM CLEANER OR CAREFULLY SWEEP UP. AVOID RAISING DUST. WASH SPILL SITE AFTER PICK-UP IS COMPLETE.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:KEEP CONTAINER CLOSED. STORE AWAY FROM INCOMPATIBLE MATERIALS.

Other Precautions:AVOID CONTACT WITH EYES, SKIN AND CLOTHING. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING. THE ROUTINE USE OF A NONALKALINE (ACID) TYPE OF HAND CLEANER AND REGULAR CLEANING OF WORKING SURFACES WILL MINIMIZE SKIN REACTION.

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

Respiratory Protection:IF ENGINEERING CONTROLS DO NOT MAINTAIN AIRBORNE CONCENTRATIONS TO AN ACCETABLE LEVEL, A NIOSH-APPROVED RESPIRATOR FOR DUST MUST BE WORN. IF RESPIRATORS ARE USED, A PROGRAM SHOULD BE INSTITUTED TO ASS URE COMPLIANCE WITH OSHA 29CFR 1910.134.

Ventilation:GOOD GENERAL VENTILATION SHOULD BE SUFFICIENT. TYPICALLY, 10 ROOM VOLUMES PER HR IS CONSIDERED GOOD GENERAL VENTILATION.

Protective Gloves:RUBBER/LATEX

Eye Protection:SAFETY GLASSES WITH SIDE SHIELD/GOGGLES

Other Protective Equipment:EYE WASH STATION, QUICK DRENCH SHOWER AND IMPERVIOUS CLOTHING

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

KEY1:T4. SEE PNI B FOR PART B. THIS PRODUCT HAS: A HIGH BIOCHEMICAL OXYGEN DEMAND, A HIGH POTENTIAL TO AFFECT AQUATIC ORGANISMS. AFTER DILUTION WITH A LARGE AMOUNT OF WATER, FOLLOWED BY WASTE TREATMENT, IT IS NOT EXPECTED TO CAUSE ADVERSE ENVIRONMENT EFFECTS.

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

HCC:T4

NRC/State Lic Num:NOT RELEVANT

Vapor Pres:NEGLIGIBLE

Spec Gravity:1.00

Viscosity:NOT RELEVANT

Evaporation Rate & Reference:NOT RELEVANT

Solubility in Water:COMPLETE

Appearance and Odor:LIGHT TAN SOLID - ODORLESS

Percent Volatiles by Volume:NEGLIG

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING

AGENTS

Stability Condition to Avoid:EXCESSIVE HEAT

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE, OXIDES OF SULFUR, OXIDES OF NITROGEN MAY BE FORMED.

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

Waste Disposal Methods:DISCHARGE, TREATMENT OR DISPOSAL MAY BE SUBJECT TO FEDERAL, STATE OR LOCAL LAWS. CONTRACT WITH A LICENSED CHEMICAL DISPOSAL AGENCY.

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