

EASTMAN KODAK COMPANY -- 146 4247, WKG SOL, KODAK INDICATOR STOP BATH --
6750-01-418-6804

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

Product ID:146 4247, WKG SOL, KODAK INDICATOR STOP BATH

MSDS Date:09/19/2000

FSC:6750

NIIN:01-418-6804

Status Code:A

MSDS Number: CLCXT

=== Responsible Party ===

Company Name:EASTMAN KODAK COMPANY

Address:343 STATE STREET

City:ROCHESTER

State:NY

ZIP:14650

Country:US

Info Ph

one Num:716-477-3194 MSDS :800- 242-2424

Emergency Phone Num:716-722-5151

Preparer's Name:NOT PROVIDED

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:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Minumum % Wt:95.

Maxumum % Wt:100.

Other REC Limits:

NOT PROVIDED

Code:F

Code:F

Ingred Name:ACETIC ACID

CAS:64-19-7

RTECS #:AF1225000

Minumum % Wt:1.

Maxumum % Wt:5.

Other REC Limits:NOT PROVIDED

OSHA PEL:10 PPM

ACGIH TLV:10 PPM

ACGIH STEL:15 PPM

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

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

LD50 LC50 Mixture:NOT PROVIDED

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

Health Hazards Acute and Chronic:INHALATION: EXPECTED TO BE A LOW

HAZARD FOR RECOMMENDED HANDLING. EYES:

CAUSES IRRITATION. HOWEVER,

IMMEDIATE FLUSHING OF THE EYES WITH WATER WILL MINIMIZE ANY

IRRITATIVE EFFECT. SKIN: LOW HAZARD FOR RECOMMENDED HANDLING.

INGESTION: EXPECTED TO BE A LOW INGESTION HAZARD.

Explanation of Carcinogenicity:CARCINOGENICITY CLASSIFICATION

(COMPONENTS PRESENT AT 0.1% OR MORE): - INTERNATIONAL AGENCY FOR

RESEARCH ON CANCER (IARC): NONE - AMERICAN CONFERENCE OF

GOVERNMENTAL INDUSTRIAL HYGIENISTS (ACGIH): NON E - NATIONAL

TOXICOLOGY PROGRAM (NTP)

: NONE - OCCUPATIONAL SAFETY AND HEALTH

ADMINISTRATION (OSHA): NONE

Effects of Overexposure:EYES: CAUSES IRRITATION.

Medical Cond Aggravated by Exposure:NOT PROVIDED

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

First Aid:INHALATION: IF SYMPTOMATIC, MOVE TO FRESH AIR. GET MEDICAL

ATTENTION IF SYMPTOMS PERSIST. EYES: IMMEDIATELY FLUSH WITH

PLENTRY OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION IF

SYMPTOMS OCCU R. SKIN: WASH WITH SOAP AND WATER. R

REMOVE

CONTAMINATED CLOTHING AND SHOES. WASH CONTAMINATED CLOTHING BEFORE REUSE. DESTROY OR THOROUGHLY CLEAN CONTAMINATED SHOES. GET MEDICAL ATTENTION IF SYMPTOMS OCCUR. INGESTION: DRINK 1-2 GLASSES OF WATER. SEEK MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

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

Flash Point:NONFLAMMABLE

Extinguishing Media:NONFLAMMABLE. USE APPROPRIATE AGENT FOR ADJACENT FIRE.

Fire Fighting Procedures:

NONE (NONCOMBUSTIBLE)

Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:FLUSH TO SEWER WITH LARGE AMOUNTS OF WATER. OTHERWISE, ABSORB SPILL WITH VERMICULITE OR OTHER INERT MATERIAL, THEN PLACE IN A CONTAINER FOR CHEMICAL WASTE. CLEAN SURFACE THOROUGHLY TO REMOVE RESIDUAL CONTAMINATION.

Neutralizing Agent:NOT PROVIDED

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

Handling

and Storage Precautions:KEEP CONTAINER CLOSED.

Other Precautions:AVOID BREATHING VAPOR AT CONCENTRATIONS GREATER THAN THE EXPOSURE LIMITS. AVOID CONTACT WITH EYES AND PROLONGED OR REPEATED CONTACT WITH SKIN. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING.

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

Respiratory Protection:IF ENGINEERING CONTROLS DO NOT MAINTAIN AIRBORNE CONCENTRATIONS BELOW RECOMMENDED EXPOSURE LIMITS, AN APPROVED RESP

IRATOR MUST BE WORN. RESPIRATOR TYPE: FULL-FACE ORGANIC VAPOR CARTRIDGE. IF RESPIRATORS ARE USED, A PROGRAM SHOULD BE INSTITUTED TO ASSURE COMPLIANCE WITH OSHA STANDARD 29 CFR 1910.134.

Ventilation:GOOD GENERAL VENTILATION (TYPICALLY 10 AIR CHANGES PER HOUR) SHOULD BE USED. VENTILATION RATES SHOULD BE MATCHED TO CONDITIONS.

Protective Gloves:WEAR IMPERVIOUS GLOVES AND PROTECTIVE CLOTHING APPROPRIATE FOR RISK OF EXPOSURE

Eye Protection:WEAR SAFETY GLASSES WITH SIDE SHIELDS (O

R GOGGLES).

Other Protective Equipment:EYE BATH, WASHING FACILITIES, SAFETY SHOWER

Work Hygienic Practices:NOT PROVIDED

Supplemental Safety and Health

USE PROCESS ENCLOSURES, LOCAL EXHAUST VENTILATION, OR OTHER ENGINEERING CONTROLS TO MAINTAIN AIRBORNE LEVELS BELOW RECOMMENDED EXPOSURE LIMITS. ABBREVIATION: N/A = NOT APPLICABLE. N/AV = NOT AVAILABL E. N/K = UNKNOWN. N/P = NOT PROVIDED. N/R = NOT RELEVANT. N/D = NOT DETERMINED. N/E = NOT ESTABLISHED.

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

HCC:C3

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:>100.C, 212.F

Melt/Freeze Pt:M.P/F.P Text:NOT PROVIDED

Decomp Temp:Decomp Text:NOT PROVIDED

Vapor Pres:(68F):24 MBAR (18 MM HG)

Vapor Density:0.6

Spec Gravity:1.00

pH:2-3

Viscosity:NOT PROVIDED

Evaporation Rate & Reference:NOT PROVIDED

Solubility in Water:COMPLETE

Appearance and Odor:COLORLESS LIQUID, VINEGAR ODOR

Percent Volatiles by Volume:100 WT

Corrosion Rate:NOT PROVIDED

=====
Stabil
ity and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

NONE WITH COMMON MATERIALS AND CONTAMINANTS WITH WHICH THE MATERIAL MAY REASONABLY COME INTO CONTACT.

Stability Condition to Avoid:NOT PROVIDED

Hazardous Decomposition Products:NONE

=====
Toxicological Information =====

Toxicological Information:ACUTE OVEREXPOSURE TO EXTREMELY HIGH AIRBORNE CONCENTRATIONS OF RESPIRATORY IRRITANTS HAS BEEN ASSOCIATED WITH DEVELOPMENT O

OF AN ASTHMA-LIKE REACTIVE AIRWAYS SYNDROME (RADS) IN SUSCEPTIBLE INDIVIDUALS. EXTREMELY HIGH AIRBORNE CONCENTRATIONS ARE NOT GENERATED DURING NORMAL CONDITIONS OF USE BUT MAY OCCUR FOLLOWING A SPILL. THE POTENTIAL TO GENERATE EXTREMELY HIGH AIRBORNE CONCENTRATIONS IN A SPILL SITUATION DEPENDS UPON PHYSICAL FACTORS SUCH AS THE CONCENTRATION OF THE SOLUTION, THE VOLUME OF THE SPILL, THE SURFACE AREA OF THE SPILL, THE SIZE OF THE ROOM WHERE THE SPILL OCCURED, AND THE VENTILATION RATE IN THE ROOM.

=====
Ecological Information
=====

Ecological:THE FOLLOWING PROPERTIES ARE ESTIMATED FROM THE COMPONENTS OF THE PREPARATIONS. POTENTIAL TOXICITY: FISH LC50 MG/L: >100. DAPHNID EC50 MG/L: >100. ALGAL IC50 MG/L: >100. ORGANICS READILY DEGRADABLE (>70%): YES (7 DAYS). POTENTIAL BIOACCUMULATION: LOG POW 100. AFTER DILUTION WITH A LARGE AMOUNT OF WATER, FOLLOWED BY SECONDARY WASTE TREATMENT, THIS MATERIAL IS NOT EXPECTED TO CAUSE ADVERSE ENVIRONMENTAL EFFECTS.

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

Waste Disposal Methods:DISCHARGE, TREATMENT, OR DISPOSAL IS SUBJECT TO NATIONAL, STATE, OR LOCAL LAWS. SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUE, FOLLOW LABEL WARNINGS EVEN AFTER CONTAINER IS EMPTIED. FLUSH TO SEWER WITH LARGE AMOUNTS OF WATER.

=====
MSDS Transport Information
=====

Transport Information:FOR TRANSPORTATION INFORMATION REGARDING THIS PRODUCT CALL THE KODAK WORLDWIDE TRANSPORTATION HAZMAT HOT LINE: (716) 722-2400 BETWEEN 8 A.M. AND 5 P.M. (EASTERN STANDARD TIME), MONDAY THROUGH FRIDAY.

=====
Regulatory Information
=====

SARA Title III Information:CHEMICAL(S) SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OR TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA) OF 1986 AND 40 CFR PART 372: NONE

Federal R

egulatory Information:NOT PROVIDED

State Regulatory Information:MATERIAL(S) KNOWN TO THE STATE OF

CALIFORNIA TO CAUSE CANCER: NONE - MATERIAL(S) KNOWN TO THE STATE
OF CALIFORNIA TO CAUSE ADVERSE REPRODUCTIVE EFFECTS: NONE

===== Other Information =====

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department
of Defense. The United States of America in no manne
r whatsoever,

expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.