View NSN Online: https://aerobasegroup.ae/nsn/6750-00-357-7422

EASTMAN KODAK COMPANY -- 185 5501, WKG SOL, KODAK EA-5 STABILIZER AND REPLENISHER -- 6750-00-357-7422

Product ID:185 5501, WKG SOL, KODAK EA-5 STABILIZER AND REPLENISHER

MSDS Date:09/30/2000

FSC:6750

NIIN:00-357-7422 Status Code:A

MSDS Number: CLDFD === Responsible Party ===

Company Name: EASTMAN KODAK COMPANY

Address:343 STATE STREET

City:ROCHESTER

State:NY ZIP:1 4650

Country:US

Info Phone Num:716-477-3194 FOR MSDS: 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

> Wt:99.

Other REC Limits:

NOT PROVIDED Code:F Code:F

Ingred Name: FORMALDEHYDE

CAS:50-00-0

RTECS #:LP8925000

= Wt:.2

Other REC Limits:NOT PROVIDED

OSHA PEL:SEE 1910.1048

ACGIH STEL:C0.37 MG/M3;C0.3 PPM

EPA Rpt Qty:100 LBS DOT Rpt Qty:100 LBS

Ingred Name: METHANOL

CAS:67-56-1

RTECS #:PC1400000

= Wt:.1

Other REC Limits:NOT PROVIDED OSHA PEL:260 MG/M3;200 PPM ACGIH TLV:262 MG/M3;200 PPM ACGIH STEL:328 MG/M3:250 PPM

EPA Rpt Qty:5000 LBS DOT Rpt Qty:5000 LBS

LD50 LC50 Mixture: NOT PROVIDED

Health Hazards Acute and Chronic:INHALATION: FORMALDEHYDE IS DETECTABLE BY MOST PEOPLE AT LEVELS BELOW 1 PPM. IT PRODUCES MILD SENSORY IRRITATION OF THE EYES, NOSE AND THROAT. AT 2-5 PPM, BECOMES UNPLEASANT AT 5-10 PPM, AND IS INTOLE RABLE AT HIGHER CONCENTRATIONS. EXPOSURE TO FORMALDEHYDE MAY CAUSE RESPIRATORY SENSITIZATION IN SOME INDIVIDUALS OR AGGRAVATE PRE-EXISTING ASTHMATIC C

ONDITIONS. EYES: CAUSES IRRITATION. VAPOR CAUSES E YE IRRITATION AND TEARING. SKIN: CAUSES IRRITATION. MAY CAUSE ALLERGIC SKIN REACTION. INGESTION: EXPECTED TO BE A LOW INGESTION HAZARD.

Explanation of Carcinogenicity:AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS (ACGIH) (FORMALDEHYDE): SUSPECTED HUMAN CARCINOGEN (A2) - INTERNATIONAL AGENCY RESEARCH ON CANCER (IARC) (FORMALDEHYDE): 2A NATIONAL TOXICOLO GY PROGRAM (NTP)

(FORMALDEHYDE): REASONABLY ANTICIPATED CA

RCINOGEN (2) -

OCCUPATIONAL SAFETY AND HEALTH ADMINISTR (OSHA) (FORMALDEHYDE): POTENTIAL CANCER HAZARD

Effects of Overexposure: INHALATION: FORMALDEHYDE IS DETECTABLE BY MOST PEOPLE AT LEVELS BELOW 1 PPM. IT PRODUCES MILD SENSORY IRRITATION OF THE EYES, NOSE AND THROAT. EYES: CAUSES IRRITATION. VAPOR CAUSES EYE IRRITATION AND TEARING. SKIN: CAUSES IRRITATION. MAY CAUSE ALLERGIC SKIN REACTION.

Medical Cond Aggravated by Exposure: EXPOSURE TO FORMALDEHYDE MAY CAUSE **RESPIR**

ATORY SENSITISATION IN SOME INDIVIDUALS OR AGGRAVATE PRE-EXISTING ASTHMATIC CONDITIONS.

	Time 4 Airl Management	
=======================================	First Aid Measures	

First Aid:INHALATION: MOVE TO FRESH AIR. TREAT SYMPTOMATICALLY. GET MEDICAL ATTENTION IF SYMPTOMS OCCUR. EYES: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION. SKIN: IMMED IATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING AND SHOES. IF S **KIN**

IRRITATION OR AN ALLERGIC SKIN REACTION DEVELOPS, GET MEDICAL ATTENTION. WASH CONTAMI NATED CLOTHING BEFORE REUSE. DESTROY OR THOROUGHLY CLEAN CONTAMINATED SHOES. INGESTION: DRINK 1-2 GLASSES OF WATER. SEEK MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

=======================================	Fire	Fight	ing N	<i>l</i> leasures	
---	------	-------	-------	-------------------	--

Flash Point:NONE

Extinguishing Media: USE APPROPRIATE AGENT FOR ADJACENT FIRE.

Fire Fighting Procedures: WEAR SELF-CONTAINED

BREATHING APPARATUS AND

PROTECTIVE CLOTHING. FIRE OR EXCESSIVE HEAT MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS.

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 Precautions:KEEP CONTAINER CLOSED. Other Precautions:AVOID BREATHING VAPOR AT CONCENTRATIONS GREATER THAN THE EXPOSURE LIMITS. AVOID CONTACT WITH EYES, SKIN, AND CLOTHING. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING.
====== Exposure Controls/Personal Protection ========
Respiratory Protection:IF FORMALDEHYDE IS EMITTED AT LEVELS REQUIRING RESPIRAT
ORY PROTECTION, WORN: FULL FACEPIECE WITH CARTRIDGES OR CANISTERS SPECIFICALLY APPROVED BY NIOSH FOR PROTECTION AGAINST FORMALDEHYDE OR A TYPE C AIR-SUPPLIED RESPIRATOR DEMAND TYPE, WITH FULL FACEPIECE, HOOD, OR HELMET. OBSERVE OSHA STANDARD 29CFR 1910.134 AND 29CFR 1910.1048.
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 (OR GOGGLES). Other Protective Equipment:EYE BATH, WASHING FACILITIES, SAFETY SHOWER. FOLLOWING GLOVES HAVE BEEN SHOWN TO BE IMPERVIOUS UNDER THE INDICATED CONDITIONS: NEOPRENE RUBBER, NITRILE RUBBER. Work Hygienic Practices:SKIN CONTACT WITH LIQUIDS CONTAINING 0.1 PERCENT/MORE FORMALDEHYDE SHOULD BE PREVENTED BY CHEMICAL
PROTECTIVE CLOTHING MADE OF MATERIAL IMPERVIOUS TO FORMALDEH YDE AND
OTHER PERSONAL PROTECTIVE EQUIP. 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:N1

NRC/State Lic Num:NOT RELE

VANT 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:0.90-1.10 pH:5.3-5.5 Viscosity:NOT PROVIDED Evaporation Rate & Deference:NOT PROVIDED Solubility in Water:COMPLETE Appearance and Odor:CLEAR, COLORLESS LIQUID. SLIGHT ODOR. Percent Volatiles by Volume:100 WT Corrosion Rate:NOT PROVIDED
======== Stability and Reactivity Data =========
Stability Indica tor/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:FORMALDEHYDE
======== Toxicological Information =========
Toxicological Information:INHALATION: FORMALDEHYDE IS DETECTABLE BY MOST PEOPLE AT LEVELS BELOW 1 PPM. IT PRODUCES MILD SENSORY IRRITATION OF THE EYES, NOSE AND THROAT AT 2-5 PPM, BECOMES UNPLEASANT AT 5-10 PPM, AND IS INTOLER ABLE AT HIGHER

AT 5-10 PPM, AND IS INTOLER ABLE AT HIGHER
CONCENTRATIONS. EXPOSURE TO FORMALDEHYDE MAY CAUSE RESPIRATORY
SENSITIZATION IN SOME INDIVIDUALS OR AGGRAVATE PRE-EXISTING
ASTHMATIC CONDITIONS. DATA FOR FORMALIN: ACUTE TOXICITY DAT A:
ORAL LD-50 (RAT): 800 MG/KG. DERMAL LD-50: 270 MG/KG. SKIN
IRRITATION: MODERATE IRRITATION EYE IRRITATION: SEVERE
IRRITATION INHALATION LCLO (RAT): 250 PPM/4 HOUR(S),
FORMALDE HYDE GAS

====== Ecological Informat

ınn	 	 	 	_	_	_	 	 	 	

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 DEGRAD ABLE (>70%): YES (7 DAYS). POTENTIAL BIOACCUMULATION: LOG POW 100.

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

Waste Disposal Methods:DISCHARGE, TREATMENT, OR DISPOSAL MAY BE SUBJECT TO NATIONAL, STATE, OR LOCAL LAW

S. FLUSH TO SEWER WITH LARGE

AMOUNTS OF WATER. SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUE, FOLLOW LABEL WARNINGS E VEN AFTER CONTAINER IS EMPTIED.

======= 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 FR IDAY.

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: FORMALDEHYDE, METHANOL

Federal Regulatory Information: NOT PROVIDED

State Regulatory Information:MATERIAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER: FORMALDEHYDE - MATERIAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE ADVERSE REPR ODUCTIVE 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 manner 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 ve

rify and assume responsibility for the suitability of this information to their particular situation.