

EASTMAN KODAK COMPANY -- 812 1188,WKG SOL,KODAK T-MAX 100 DIRECT POS FILM REV BLEACH -- 6750-01-097-0773

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

Product ID:812 1188,WKG SOL,KODAK T-MAX 100 DIRECT POS FILM REV BLEACH

MSDS Date:02/04/2001

FSC:6750

NIIN:01-097-0773

Status Code:A

MSDS Number: CLGZH

=== Responsible Party ===

Company Name:EASTMAN KODAK COMPANY

Address:343 STATE STREET

City:ROCHESTER

State:NY

ZIP:14650

Country:US

Info Phone Num:716-477-3194 MSDS :800- 242-2424

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:SULFURIC ACID (SARA 302/313) (CERCLA)

CAS:7664-93-9

RTECS #:WS5600000

Minumum % Wt:1.

Maxu

mum % Wt:5.
Other REC Limits:NONE RECOMMENDED
OSHA PEL:1 MG/M3
ACGIH TLV:1 MG/M3/3 STEL; 9495
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Minumum % Wt:95.
Maxumum % Wt:100.
Other REC Limits:NONE RECOMMENDED

Ingred Name:POTASSIUM PERMANGANATE (SARA 313) (CERCLA)
CAS:7722-64-7
RTECS #:SD6475000
< Wt:1.
Other REC Limits:NONE RECOMMENDED
OSHA PEL:C 5 MG(MN)/M3
ACGIH TLV:5 MG(MN)/M3; 9495
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

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== Hazards Identification =====

Routes of Entry: Inhalation:NO Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO
Health Hazards Acute and Chronic:EXPECTED TO BE A LOW HAZARD FOR
RECOMMENDED HANDLING. EYES: NO SPECIFIC HAZARD KNOWN. MAY CAUSE
TRANSIENT IRRITATION. SKIN: LOW HAZARD FOR RECOMMENDED HANDLING.
INGESTION: EXPECTED TO BE A LOW INGESTI ON HAZARD.
Explanation of Carcinogenicity:INTERNATIONAL AGENCY FOR RESEARCH ON
CANCER (IAR
C): GROUP 1, STRONG INORGANIC MISTS OR VAPORS CONTAINING
SULFURIC ACID - AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL
HYGIENISTS (ACGIH) (SULFURIC ACI D): SUSPECTED HUMAN CARCINOGEN
(A2) - NATIONAL TOXICOLOGY PROGRAM (NTP): NONE - OCCUPATIONAL
SAFETY AND HEALTH ADMINISTRATION (OSHA): NONE
Effects of Overexposure:EXPECTED TO BE A LOW HAZARD FOR RECOMMENDED
HANDLING. EYES: NO SPECIFIC HAZARD KNOWN. MAY CAUSE TRANSIENT
IRRITATION. SKIN: LOW HAZARD FOR RECOMMENDED HANDLING

. INGESTION:
EXPECTED LOW INGESTION HAZARD.
Medical Condition Aggravated by Exposure: NONE SPECIFIED BY MANUFACTURER.

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

First Aid: INHALATION: IF SYMPTOMATIC, MOVE TO FRESH AIR. TREAT SYMPTOMATICALLY. GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. EYES: ANY MATERIAL THAT CONTACTS EYE SHOULD BE WASHED OUT IMMEDIATELY WITH WATER. GET MEDICAL ATTENTION IF SYMPTOMS OCCUR. SKIN: WASH WITH SOAP AND WATER. 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: NONE, NON-COMBUSTIBLE
Extinguishing Media: USE APPROPRIATE AGENT FOR ADJACENT FIRE.
Fire Fighting Procedures: WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING.
Unusual Fire/Explosion Hazard: NONE.

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

Spill Release Procedures: 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: NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions: KEEP CONTAINER CLOSED. KEEP AWAY FROM INCOMPATIBLE SUBSTANCES (SEE INCOMPATIBILITY SECTION).
Other Precautions: AVOID BREATHING MIST 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: NONE SHOULD BE NEEDED. IF ENGINEERING CONTROLS DO NOT MAINTAIN AIRBORNE CONCENTRATIONS BELOW RECOMMENDED EXPOSURE LIMITS, AN APPROVED RESPIRATOR MUST BE WORN. RESPIRATOR TYPE: ACID GAS. 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:FOR PROLONGED OR REPEATED CONTACT, WEAR IMPERVIOUS GLOVES.

Eye Protection:WEAR SAFETY GLASSES WITH SIDE SHIELDS (OR GOGGLES).

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

Work Hygienic Practices:IT IS A GOOD INDUSTRIAL HYGIENE PRACTICE TO MINIMIZE SKIN CONTACT.

Supplemental Safety and Health

THIS IS A FIVE PART KIT, SAME NSN AND CAGE. FOR OTHER APRTS, SEE MSDS #CLGZC, CLGZD, CLDZK, AND CLHBT.

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

HCC:C3

Boiling Pt:>100.C, 212.F

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

Vapor Density:0.6

Spec Gravity:1.01

pH:100. DAPHNID EC50

MG/L:> 100. ALGAL IC50 MG/L: >100. ORGANICS: N/A. POTENTIAL BIOACCUMULATION: LOG POW 100.

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

Waste Disposal Methods:CONTRACT WITH A LICENSED CHEMICAL DISPOSAL AGENCY. SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUE, FOLLOW LABEL WARNINGS EVEN AFTER CONTAINER IS EMPTIED.

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

Transport Information:CALL KODAK HOTLINE: 716-722-2400

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

SARA Title III Information:CHEMICALS SUBJECT TO THE RE

PORTING

REQUIREMENTS OF SEC 313/TITLE III (40CFR 372): POTASSIUM
PERMANGANATE.

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

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