

EASTMAN KODAK CO. -- 114 5986 TETRACHLOROETHYLENE -- 6750-01-308-9381

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

Product ID:114 5986 TETRACHLOROETHYLENE

MSDS Date:06/08/1989

FSC:6750

NIIN:01-308-9381

MSDS Number: BMTSP

=== Responsible Party ===

Company Name:EASTMAN KODAK CO.

Address:343 STATE STREET

City:ROCHESTER

State:NY

ZIP:14650

Country:US

Info Phone Num:716-724-4501/PACK=JOHN 716-588-3559

Emergency

Phone Num:716-722-5151(72)/FAX 716-724-9656

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:PERCHLOROETHYLENE (TETRACHLOROETHYLENE) (SARA III)

CAS:127-18-4

RTECS #:KX3850000

Fraction by Wt: 100%

Other REC Limits:NONE SPECIFIED

OSHA PEL:100

PPM

ACGIH TLV:25PPM/100,A3 STEL;94

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

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

LD50 LC50 Mixture:TLV IS 50 PPM

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

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

Health Hazards Acute and

Chronic:ACUTE-EYE:IRRITATION.SKIN:PROLONGED/REPEATED CONTACT MAY
CAUSE IRRITATION.HARMFUL IF ABSORBED.INHALE:MAY CAUSE CNS
DEPRESSION RESULTING IN NAUSEA,VOMITING,DIZZINESS,H

EADACHE OR LOSS

OF CONSCIOUSNESS. ORAL: HARMFUL. CHRONIC- MAY CAUSE DERMATITIS, LIVER & KIDNEY DAMAGE.

Explanation of Carcinogenicity: IARC REPORTS "INADEQUATE EVIDENCE". POSSIBLE CANCER HAZARD.

Effects of Overexposure: EYE IRRITATION. PROLONGED/REPEATED SKIN CONTACT MAY CAUSE IRRITATION. HARMFUL IF ABSORBED. INHALATION MAY CAUSE CNS DEPRESSION RESULTING IN NAUSEA, VOMITING, DIZZINESS, HEADACHE OR LOSS OF CONSCIOUSNESS. ORALLY IS HARMFUL.

Medical Condition Aggravated by Exposure: PRE-EXISTING SKIN DISORDERS.

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

First Aid: GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. SKIN: WASH WITH SOAP & WATER. EYE: FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. INHALED: REMOVE TO FRESH AIR & PROVIDE OXYGEN/CPR IF NEEDED. ORAL: IF CONSCIOUS, CONSULT MEDICAL PERSONNEL TO INDUCE VOMITING. CALL A PHYSICIAN OR POISON CONTROL CENTER.

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

Flash Point: NONE

Extinguishing Media: USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures: WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard: COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS. MAY REACT WITH METALS PRODUCING POTENTIALLY EXPLOSIVE MIXTURES.

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

Spill

Spill Release Procedures: STOP THE LEAK IF POSSIBLE. WEAR PROTECTIVE EQUIPMENT. CONTAIN LIQUID. CLEAN UP SMALL SPILLS USING VERMICULITE OR OTHER SUITABLE ABSORBENT MATERIALS. LARGE SPILLS SHOULD BE REMOVED BY USING A VACUUM TRUCK. REMOVE THE AFFECTED SOILS FOR DISPOSAL.

Neutralizing Agent: NONE

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

Handling and Storage Precautions: STORAGE- STORE IN A CLOSED CONTAINER AWAY FROM METALS. DO NOT STORE IN ALUMINUM CONTAINERS

ERS.

Other Precautions:DO NOT GET IN EYES, ON SKIN OR CLOTHING. DO NOT TAKE INTERNALLY. USE ONLY WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING. AVOID CONTACT WITH FLAMES, WELDING ARCS, HIGH TEMPERATURES AND HOT SURFACES.

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

Respiratory Protection:IF ENGINEERING CONTROLS ARE INADEQUATE TO CONTROL VAPOR CONCENTRATIONS TO AN ACCEPTABLE LEVEL, A NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR SHOULD BE WORN.

A PROGRAM

SHOULD BE INSTITUTED TO ASSURE COMPLIANCE WITH OSHA STANDARD 29 CFR 1910.134.

Ventilation:USE LOCAL EXHAUST VENTILATION WHERE VAPOR, MIST OR SPRAY MAY BE GENERATED.

Protective Gloves:POLYVINYL ALCOHOL (PVA), VITON

Eye Protection:CHEMICAL SAFETY GOGGLES+FULL FACE SHIELD

Other Protective Equipment:EYEWASH FACILITY & EMERGENCY SHOWER SHOULD BE IN CLOSE PROXIMITY. STANDARD WORK CLOTHING AND SHOES.

Work Hygienic Practices:DO NOT INHALE VAPORS. USE GOOD CHEMICAL HYGIENE

PRACTICE. AVOID UNNECESSARY CONTACT.

Supplemental Safety and Health

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

HCC:T4

Boiling Pt:B.P. Text:250F,121C

Vapor Pres:14 @ 68 F

Vapor Density:5.8

Spec Gravity:1.63

Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR COLORLESS LIQUID

Percent Volatiles by Volume:100

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

Stability Indicator/Materials to Avoid:YES

METALS

Stability Condition to Avoid:HIGH HEAT,

OPEN FLAMES

Hazardous Decomposition Products:HYDROGEN CHLORIDE GAS AND PHOSGENE

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

Waste Disposal Methods:PLACE CONTAMINATED MATERIAL IN IMPERVIOUS CONTAINERS. DISPOSE BY INCINERATION OR CONTRACT WITH LICENSED CHEMICAL WASTE DISPOSAL AGENCY. DISCHARGE, TREATMENT OR DISPOSAL MAY BE SUBJECT TO FEDERAL, STATE AND LOCAL REGULATIONS.

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