

EASTMAN KODAK COMPANY -- 146 3314,KODAK POTASSIUM FERRICYANIDE --
6750-00-200-4527

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Product Identification
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Product ID:146 3314,KODAK POTASSIUM FERRICYANIDE

MSDS Date:05/03/2000

FSC:6750

NIIN:00-200-4527

Status Code:A

MSDS Number: CLDDH

=== 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

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

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Composition/Information on Ingredients
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Ingred Name:POTASSIUM FERRICYANIDE

CAS:13746-66-2

RTECS #:LJ8225000

= Wt:100.

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Hazards Identification
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LD50 LC50 Mixture:LD50 (ORAL, RAT) 2263 MG/KG

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

Health Hazards Acute and Chronic:EFFECTS OF EXPOSURE: INHALATION:

EXPECTED TO BE A LOW HAZARD FOR RECOMMENDED HANDLING. IF CYANIDE GAS IS LIBERATED DUE TO CONTACT WITH A STRONG ACID, IT MAY CAUSE DIZZINESS, HEADACHE, RAPID RESPIRATIO N, RAPID PULSE, UNCONSCIOUSNESS, CONVULSIONS AND DEATH. 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): - AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS (ACGIH): NONE - INTERNATIONAL AGENCY FOR RESEARCH ON CANCER (IARC): NON E - NATIONAL TOXICOLOGY PROGRAM (NTP): NONE - OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA): NONE

Effects of Overexposure:INHALATION: IF CYANIDE GAS IS LIBERATED DUE TO CONTACT WITH A STRONG ACID, IT MAY CAUSE DIZZINESS, HEADACHE, RAPID RESPIRATION, RAPID PULSE, UNCONSCIOUSNESS, CONVULSIONS AND DEATH. EYES: CAUSES IRRITATION.

Medical Cond Aggravated by Exposure:NOT PROVIDED.

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

First Aid:INHALATION: IF SYMPTOMATIC, MOVE TO FRESH AIR. TREAT SYMPTOMATICALLY. GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. EYES: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. 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.

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

Extinguishing Media:WATER SPRAY, CARBON DIOXIDE (CO2), DRY CHEMICAL
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING. FIRE OR EXCESSIVE HEAT MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS.

Unusual Fire/Explosion Hazard:POWDERED MATERIAL MAY FORM EXPLOSIVE DUST-AIR MIXTURES. FIRE OR HIGH TEMPERATURES MAY CAUSE DECOMPOSITION.

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

Spill Release Procedures:COLLECT UP AND PUT IN A SUITABLE CONTAINER. AVOID GENERATING DUST. CLEAN SURFACE THOROUGHLY TO REMOVE RESIDUAL CONTAMINATION.

Neutralizing Agent:NOT PROVIDED.

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

Handling and Storage Precautions:KEEP CONTAINER TIGHTLY CLOSED. KEEP AWAY FROM INCOMPATIBLE SUBSTANCES (SEE INCOMPATIBILITY SECTION). KEEP FROM CONTACT WITH OXIDIZING MATERIALS. KEEP AWAY FROM HEAT. POWDERED MATERIAL MAY FORM EXPLOSIVE DUST-AIR MIXTURES. MINIMIZE DUST GENERATION AND ACCUMULATION. KEEP AWAY FROM SOURCES OF IGNITION.

Other Precautions:AVOID PROLONGED OR REPEATED BREATHING OF DUST. AVOID CONTACT WITH EYES AND PROLONGED OR REPEATED CONTACT WITH SKIN. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING.

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

Respiratory Protection:NONE SHOULD BE NEEDED. A FULL-FACE POSITIVE-PRESSURE AIR-SUPPLIED RESPIRATOR MUST BE WORN IF HAZARDOUS DECOMPOSITION PRODUCTS ARE LIKELY TO BE RELEASED OR HAVE BEEN RELEASED. SEE STABILITY AND REACTIVITY SECTION. 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 (OR GOGGLES).
Other Protective Equipment:EYE BATH, WASHING FACILITIES, SAFETY SHOWER
Work Hygienic Practices:NOT PROVIDED
Supplemental Safety and Health
SUPPLEMENTARY LOCAL EXHAUST VENTILATION, CLOSED SYSTEMS, OR RESPIRATORY
PROTECTION MAY BE NEEDED IN SPECIAL CIRCUMSTANCES SUCH AS POORLY
VENTILATED SPACES, MECHANICAL GENERATION OF DUSTS, HEATING, DR
YING, ETC.

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

HCC:N1
NRC/State Lic Num:NOT RELEVANT.
Boiling Pt:B.P. Text:NOT RELEVANT.
Melt/Freeze Pt:M.P/F.P Text:DECOMPOSES
Decomp Temp:Decomp Text:NOT PROVIDED
Vapor Pres:NEGLIGIBLE
Spec Gravity:1.89
Solubility in Water:APPRECIABLE
Appearance and Odor:RED SOLID - ODORLESS
Percent Volatiles by Volume:NEGLIGIBLE
Corrosion Rate:NOT PROVIDED

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS, STRONG ACIDS. CONTACT WITH ACID LIBERATES
FLAMMABLE MATERIAL, TOXIC GAS.
Stability Condition to Avoid:STABLE. NO EXOTHERM TO: 310C BY HPDSC
Hazardous Decomposition Products:CARBON DIOXIDE, CARBON MONOXIDE,
OXIDES OF NITROGEN, CYANIDES.

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

Toxicological Information:ACUTE TOXICITY DATA: ORAL LD-50 (RAT):
2263 MG/KG DERMAL LD-50: 1 G/KG EYE IRRITATION (UNWASHED
EYES): MODERATE EYE IRRITATION (WASHED EYES): SLIGHT SKIN
IRRITATION: SLIGHT

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

Ecological:POTENTIAL TOXICITY: FISH LC50 MG/L: >100. DAPHNID EC50
MG/L: 1-10. ALGAL IC50 MG/L: NOT AVAILABLE. ORGANICS READILY
DEGRADABLE (>70%): NOT APPLICABLE.POTENTIAL BIOACCUMULATION: LOG
POW <1. C OD (APPROXIMATE G/L): 605. BOD5 (APPROXIMATE G/L): 20.
POTENTIAL TOXICITY: WASTE TREATMENT MICROORGANISMS EC50 (MG/L):
NOT AVAILABLE.

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

Waste Disposal Methods:DISCHARGE, TREATMENT, OR DISPOSAL MAY BE SUBJECT
TO NATIONAL, STATE, OR LOCAL LAWS. CONTRACT WITH A LICENSED
CHEMICAL DISPOSAL AGENCY. SINCE EMPTIED CONTAINERS RETAIN PRODUCT
RESIDUE, FOLLOW LABEL WAR NINGS EVEN 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 FRIDAY.

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===== 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 Regulatory 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

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

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