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Product Identification  
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MSDS NAME:146 3314 KODAK POTASSIUM FERRICYANIDE  
NIIN:00-200-4527  
Status Code:A  
MSDS Number: CJXFD  
=== Responsible Party ===  
Company: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: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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Name:POTASSIUM FERRICYANIDE  
CAS:13746-66-2  
RTECS #:LJ8225000  
= Wt:100.  
Other REC Limits:NOT PROVIDED.

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Hazards Identification  
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LD50 LC50 Mixture:ORAL LD-50 (RAT): 1600-3200 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 RESPIRATI ON, RAPID PULSE,  
UNCONSIIOUSNESS, CONVULSIONS AND DEATH. EYES: NO SPECIFIC HAZARD  
KNOWN. MAY CAUSE TRANSIENT IRRITATION. SKIN: LOW HAZARD FOR  
RECOMMENDED HANDLING. INGESTION: EXPECTED TO BE A LOW INGES TION  
HAZARD.  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure: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  
RESPIRATION, RAPID PULSE, UNCON SIOUSNESS, CONVULSIONS AND DEATH.  
EYES: NO SPECIFIC HAZARD KNOWN. MAY CAUSE TRANSIENT IRRITATION.  
SKIN: LOW HAZARD FOR RECOMMENDED HANDLING. INGESTION: EXPECTED TO  
BE A LOW INGESTION HAZARD.  
Medical Cond Aggravated by Exposure:NOT PROVIDED.

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

First Aid:INHALATION: IF SYMPTOMATIC, MOVE TO FRESH AIR. GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. EYES: ANY MATERIAL THAT CONTACTS THE 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.

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

Flash Point:COMBSTIBLE SOLID  
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:OWDERED MATERIAL MAY FORM EXPLOSIVE DUST-AIR MIXTURES. FIRE OR HIGH TEMPERATURES MAY CAUSE DECOMPOSITION.

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

Spill Release Procedures:FLUSH TO SEWER WITH LARGE AMOUNTS OF WATER. OTHERWISE, 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.  
Other Precautions:NOT PROVIDED.

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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 REACTIV ITY 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:FOR PROLONGED OR REPEATED SKIN CONTACT  
Eye Protection:WEAR SAFETY GLASSES WITH SIDE SHIELDS (OR GOGGLES)  
Other Protective Equipment:EYE BATH, WASHING FACILITIES, SAFETY SHOWER  
Work Hygienic Practices:IT IS A GOOD INDUSTRIAL HYGIENE PRACTICE TO MINIMIZE SKIN CONTACT. IT IS A GOOD INDUSTRIAL HYGIENE PRACTICE TO MINIMIZE EYE CONTACT.  
Supplemental Safety and Health  
NONE

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===== 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:DECOMPOSES  
Vapor Pres:NEGLIGIBLE  
Spec Gravity:1.89  
pH:NOT APPLICABLE.  
Viscosity:NOT APPLICABLE.  
Evaporation Rate & Reference:NOT APPLICABLE.  
Solubility in Water:APPRECIABLE  
Appearance and Odor:RED SOLID - ODORLESS

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

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS, STRONG ACIDS. CONTACT WITH ACIDS LIBERATES  
TOXIC GAS. CONTACT WITH ACID LIBERATES FLAMMABLE MATERIAL.  
HAZARDOUS DECOMPOSITION PRODUCTS: CYANIDES  
Stability Condition to Avoid:NO EXOTHERM TO: 310°C BY HPDSC. SAFE  
HANDLING TEMPERATURES ARE DEPENDENT ON SPECIFIC CONDITIONS OF USE.  
Hazardous Decomposition Products:CARBON DIOXIDE, CARBON MONOXIDE,  
OXIDES OF NITROGEN

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

Toxicological Information:ORAL LD-50 (RAT): 1600-3200 MG/KG

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

Ecological:DATA FOR THIS MATERIAL HAVE BEEN USED TO ESTIMATE ITS  
ENVIRONMENTAL IMPACT. IT IS EXPECTED TO HAVE THE FOLLOWING  
PROPERTIES: NO BIOCHEMICAL OXYGEN DEMAND AND NO POTENTIAL TO CAUSE  
OXYGEN DEPLETION IN AQUEOUS SYSTEMS, A LOW POTENTIAL TO AFFECT  
AQUATIC ORGANISMS, A HIGH POTENTIAL TO AFFECT SECONDARY WASTE  
TREATMENT MICROBIAL METABOLISM, A MODERATE POTENTIAL TO AFFECT THE  
GERMINATION AND/OR EARLY GROWTH OF SOME PLANTS, A LOW POTENTIAL TO  
BIOCONCENTRATE. 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 MAY BE SUBJECT  
TO NATIONAL, STATE, OR LOCAL LAWS. SINCE EMPTIED CONTAINERS RETAIN  
PRODUCT RESIDUE, FOLLOW LABEL WARNINGS EVEN AFTER CONTAINER IS  
EMPTIED. FOR SMALL AMOUNTS: FLUSH TO SEWER WITH LARGE AMOUNTS OF  
WATER. FOR LARGE AMOUNTS: CONTRACT WITH A LICENSED CHEMICAL  
DISPOSAL AGENCY.

===== 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:NOT PROVIDED.  
Federal Regulatory Information:NOT PROVIDED.  
State Regulatory Information:NONE

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

Disclaimer (provided with this information by the compiling agencies):  
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\*\*\* END OF RECORD \*\*\*