

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

MSDS NAME:146 4395, KODAK ABRASIVE REDUCER

Status Code:A

MSDS Number: CKNKH

=== Responsible Party ===

Company:EASTMAN KODAK COMPANY

Address:343 STATE STREET

City:ROCHESTER

State:NY

ZIP:14650

Country:US

Info Phone Num:716-722-5151/(800) 242-2424

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

===== Composition/Information on Ingredients =====

Name:ALUMINUM OXIDE

CAS:1344-28-1

RTECS #:BD1200000

Minumum % Wt:45.

Maxumum % Wt:50.

Other REC Limits:NOT PROVIDED

OSHA PEL:15 MG/M3

ACGIH TLV:10 MG/M3

Name:LARD

CAS:61789-99-9

Minumum % Wt:20.

Maxumum % Wt:25.

Other REC Limits:NOT PROVIDED

OSHA PEL:NOT PROVIDED

ACGIH TLV:NOT PROVIDED

Name:IRON OXIDE

CAS:1309-37-1

RTECS #:NO7400000

Minumum % Wt:15.

Maxumum % Wt:20.

Other REC Limits:NOT PROVIDED

OSHA PEL:10 MG/M3

ACGIH TLV:5 MG/M3;2 PPM

Name:WAX

CAS:8001-39-6

Minumum % Wt:1.

Maximum % Wt:5.
Other REC Limits:NOT PROVIDED
OSHA PEL:NOT PROVIDED
ACGIH TLV:NOT PROVIDED

Name:SILICON DIOXIDE
CAS:7631-86-9
Minimum % Wt:1.
Maximum % Wt:5.
Other REC Limits:NOT PROVIDED
OSHA PEL:NOT PROVIDED
ACGIH TLV:NOT PROVIDED

Name:TITANIUM DIOXIDE
CAS:13463-67-7
RTECS #:XR2275000
Minimum % Wt:1.
Maximum % Wt:5.
Other REC Limits:NOT PROVIDED
OSHA PEL:15 MG/M3
ACGIH TLV:10 MG/M3

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

LD50 LC50 Mixture:ORAL LD-50 (RAT): > 1600 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. EYES: NO
SPECIFIC HAZARD KNOWN. MAY CAUSE TRANSIENT IRRITATION. 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): - INTERNATIONAL AGENCY FOR
RESEARCH ON CANCER (IARC): NONE - AMERICAN CONFERENCE OF
GOVERNMENTAL INDUSTRIAL HYGIENISTS (ACGIH): NONE - NATIONAL
TOXICOLOGY PROGRAM (NTP): NONE - OCCUPATIONAL SAFETY AND HEALTH
ADMINISTRATION (OSHA): NONE
Effects of Overexposure:EYES: MAY CAUSE TRANSIENT 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:
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:COMBUSTIBLE 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:POWDERED MATERIAL MAY FORM EXPLOSIVE
DUST-AIR MIXTURES.

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

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

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:POWDERED MATERIAL MAY FORM EXPLOSIVE
DUST-AIR MIXTURES. MINIMIZE DUST GENERATION AND ACCUMULATION. USE
WITH ADEQUATE VENTILATION. KEEP AWAY FROM SOURCES OF IGNITION. KEEP
FROM CONTACT WITH OXIDIZING M ATERIALS. KEEP CONTAINER CLOSED.

Other Precautions: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.

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, IMPERVIOUS
GLOVES SHOULD BE WORN.

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

===== 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:NOT AVAILABLE

Decomp Temp:Decomp Text:NOT PROVIDED

Vapor Pres:NEGLIGIBLE

Spec Gravity:(WATER = 1): >1.0

Evaporation Rate & Reference:NOT PROVIDED

Solubility in Water:INSOLUBLE

Appearance and Odor:WHITE, SOLID. ODORLESS.

Percent Volatiles by Volume:NEGLIGIBLE

Corrosion Rate:NOT PROVIDED

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

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS

Stability Condition to Avoid:NOT PROVIDED

Hazardous Decomposition Products:CARBON DIOXIDE, CARBON MONOXIDE,

OXIDES OF IRON

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

Toxicological Information: EFFECTS OF EXPOSURE: INHALATION: 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 INGESTION HAZARD. ACUTE TOXICITY DATA: ORAL LD-50 (RAT): > 1600 MG/KG SKIN IRRITATION: SLIGHT

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

Ecological: IT IS EXPECTED TO HAVE THE FOLLOWING PROPERTIES: A LOW BIOCHEMICAL OXYGEN DEMAND AND LITTLE POTENTIAL TO CAUSE OXYGEN DEPLETION IN AQUEOUS SYSTEMS, A LOW POTENTIAL TO AFFECT AQUATIC ORGANISMS, A LOW POTENTIAL TO AFFECT SECONDARY WASTE TREATMENT MICROBIAL METABOLISM, A HIGH POTENTIAL TO PERSIST IN THE ENVIRONMENT, 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. CAN BE LANDFILLED WHEN IN COMPLIANCE WITH LOCAL REGULATIONS.

===== 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 .

===== 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

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

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*** END OF RECORD ***