View NSN Online: https://aerobasegroup.gr/nsn/6750-00-619-9943

EASTMAN KODAK COMPANY -- 146 4080 KODAFIX SOLUTION -- 6750-00-619-9943
========== Product Identification ==========

Product ID:146 4080 KODAFIX SOLUTION
MSDS Date:11/17/1993
FSC:6750
NIIN:00-619-9943
MSDS Number: BHJGC
=== 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

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:WATER
CAS:7732-18-5
RTECS #:ZC0110000
Fraction by Wt: 50 - 55%

Ingred Name:AMMONIUM THIOSULFATE
CAS:7783-18-8
RTECS #:XN6465000
Fraction by Wt: 30 - 35%
Other REC Limits:NONE ESTABLISHED

Ing

red Name:SODIUM BISULFITE (SASA III)
CAS:7631-90-5
RTECS #:VZ2000000
Fraction by Wt: 1 - 5%
OSHA PEL:5 MG/M3
ACGIH TLV:5 MG/M3; 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:SODIUM ACETATE
CAS:126-96-5
RTECS #:AJ4375000
Fraction by Wt: 1 - 5%
Other REC Limits:NONE ESTABLISHED
OSHA PEL:NONE ESTABLISHED
ACGIH TLV:NONE ESTABLISHED

Ingred Name:ALUMINUM SULFATE (SARA III)
CAS:10043-01-3
RTECS #:BD1700000
Fraction by Wt: 1 - 5%
Other REC Limits:NONE ESTABLISHED
OSHA PEL:2 MG/M3
ACGIH TL
V:2 MG/M3; 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:BORIC ACID
CAS:10043-35-3
RTECS #:ED4550000
Fraction by Wt: 1 - 5%
Other REC Limits:NONE ESTABLISHED

Ingred Name:AMMONIUM SULFITE
CAS:10196-04-0
RTECS #:WT3505000
Fraction by Wt: 1 - 5%
Other REC Limits:NONE ESTABLISHED
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:ACETIC ACID (SARA III)
CAS:64-19-7
RTECS #:AF1225000
Fraction by Wt: 1 - 5%
OSHA PEL:10 PPM
ACGIH TLV:10 PPM/15 STEL; 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Q

ty:5000 LBS

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS UNKNOWN.
Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS:EYES. ACUTE-
INHALATION:EXPECTED TO BE A LOW HAZARD FOR RECOMMENDED HANDLING.
EYES:MAY CAUSE TRANSIENT IRRITATION. SKIN:LOW HAZARD FOR
RECOMMENDED HANDLING. INGESTION:EXPECTED TO BE A LO W INGESTION
HA
ZARD. CHRONIC- UNKNOWN.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:EYES IRRITATION

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

First Aid:GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. EYES:FLUSH WITH
WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. SKIN:REMOVE CONTAMINATED
CLOTHING. WASH SKIN WITH SOAP AND PLENTY OF WATER.
INHALATION:REMOVE TO FRE SH AIR. INGESTION:DRINK 1-2 GLASSES OF
WATER. SEEK MEDICAL ATTENTION.

========== Fire Fig
hting Measures ==========

Flash Point:NONE
Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL
FOR SURROUNDING FIRE. USE WATER SPRAY TO COOL FIRE EXPOSED
CONTAINERS.
Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED
SELF-CONTAINED BREATHING APPARATUS. FIRE MAY PRODUCE HAZARDOUS
DECOMPOSITION PRODUCT.
Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:FL
USH TO SEWER WITH LARGE AMOUNT OF WATER IF
PERMITTED OR ABSORB SPILL WITH VERMICULITE, THEN PLACE IN A
CONTAINER FOR CHEMICAL WASTE. CLEAN SURFACE THOROUGHLY TO REMOVE
RESIDUAL CONTAMINATION.
Neutralizing Agent:NOT RELEVENT

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

Handling and Storage Precautions:KEEP CONTAINER CLOSED. STORE AWAY FROM
INCOMPATIBLE MATERIALS.
Other Precautions:WASH THOROUGHLY AFTER HANDLING. AVOID CONTACT WITH
EYES. KEEP OUT OF REA

CH OF CHILDREN. USE WITH ADEQUATE VENTILATION.

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

Respiratory Protection:NONE SHOULD BE NEEDED.
Ventilation:GOOD GENERAL VENTILATION SHOULD BE SUFFICIENT. TYPICALLY, 10 ROOM VOLUMES PER HR IS CONSIDERED GOOD GENERAL VENTILATION.
Protective Gloves:RUBBER/LATEX IF REPEATED CONTACT
Eye Protection:SAFETY GLASSES WITH SIDE SHIELD/GOGGLES
Other Protective Equipment:EYE WASH STATION, QUICK DRENCH SHOWER AND IMPERVIOUS CLOTHING
W
ork Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.
Supplemental Safety and Health
FORMULA CHANGED. FOR PREVIOUS FORMULATION, SEE PNI A, SAME NSN. ECOLOGICAL INFORMATION: THIS MATERIAL IS EXPECTED TO HAVE THE FOLLOWING PROPERTIES: A HIGH BIOCHEMICAL OXYGEN DEMAND, A LOW POTENTIAL TO AFFECT AQUATIC ORGANISMS. AFTER DILUTION WITH WATER, THIS MATERIAL IS NOT EXPECTED TO CAUSE ADVERSE EFFEC
TS.

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

HCC:C3
NRC/State Lic Num:NOT RELEVANT
Boiling Pt:B.P. Text:>212F,>100C
Vapor Pres:18 @ 68F
Vapor Density:O.6
Spec Gravity:1.283
pH:4.9
Solubility in Water:COMPLETE
Appearance and Odor:COLORLESS LIQUID, AMMONIA ODOR
Percent Volatiles by Volume:54

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

Stability Indicator/Materials to Avoid:YES
BASES (LIBERATE FLAMMABLE MATERIAL), SODIUM HYPOCHLORITE (BLEACH),

STRONG OXIDIZING AGENTS
Stability Condition to Avoid:EXCESSIVE HEAT
Hazardous Decomposition Products:AMMONIA, CHORAMINE, NITROGEN OXIDES (NOX), SULFUR DIOXIDE

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

Waste Disposal Methods:DISCHARGE, TREATMENT OR DISPOSAL MAY BE SUBJECT TO FEDERAL, STATE OR LOCAL LAWS. FLUSH TO SEWER WITH LARGE AMOUNT OF WATER.