View NSN Online: https://aerobasegroup.com/nsn/6525-01-463-0469

EASTMAN KODAK CO GOVERNMENT MARKETS CONTRACTS -- 824 6381, WKG SOL, KODAK X-OMAT RA/30 FIXER AND REPLENISHER -- 6525-01-463-0469

Product ID:824 6381, WKG SOL, KODAK X-OMAT RA/30 FIXER AND REPLENISHER

MSDS Date: 10/26/2000

FSC:6525

NIIN:01-463-0469 Status Code:A

MSDS Number: CLHGV === Responsible Party ===

Company Name: EASTMAN KODAK CO GOVERNMENT MARKETS CONTRACTS

Address:343 STATE ST City:ROCHESTER

State:NY

ZIP:14650-1115 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 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:7732-1

8-5

RTECS #:ZC0110000 Minumum % Wt:85. Maxumum % Wt:90.

Other REC Limits:NOT PROVIDED

Code:F

Ingred Name: AMMONIUM THIOSULFATE

CAS:7783-18-8

RTECS #:XN6465000

= Wt:10.

Other REC Limits:NOT PROVIDED ACGIH TLV:NOT PROVIDED

Ingred Name: SODIUM BISULFITE

CAS:7631-90-5

RTECS #:VZ2000000

< Wt:1.

Other REC Limits: NOT PROVIDED

ACGIH TLV:5 MG/M3 EPA Rpt Qtv:5000 LBS NOT PROVIDED EPA Rpt Qty:5000 LBS DOT Rpt Qty:5000 LBS

Ingred Name: AMMONIUM ACETATE

CAS:631-61-8

RTECS #:AF3675000

< Wt:1.

Other REC Limits: NOT PROVIDED

ACGIH TLV:NOT PROVIDED

EPA Rpt Qty:5000 LBS DOT Rpt Qty:5000 LBS

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

LD50 LC50 Mixture: NOT PROVIDED

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 USUAL INDUSTRIAL OR C

**OMMERCIAL** 

HANDLING BY TRAINED PERSONNEL. IN CONTACT WITH STRONG ACIDS OR IF HEATED, SULFITES MAY LIBERATE SULFUR D IOXIDE GAS. SULFUR DIOXIDE GAS IS IRRITATING TO THE RESPIRATORY TRACT. SOME ASTHMATICS OR HYPERSENSITIVE INDIVIDUALS MAY EXPERIENCE DIFFICULT BREATHING. EYES: NO SPECIFIC HAZARD KNOWN. MAY CAUSE TRAN SIENT IRRITATION. SKIN: THIS MATERIAL HAS A LOW POTENTIAL TO CAUSE ALLERGIC SKIN REACTIONS; HOWEVER, CASES OF HUMAN SKIN SENSITIZATION HAVE BEEN REPORTE

D. INGESTION: MAY BE HARMFUL IF SWALLOWED.

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): NON E - NATIONAL
TOXICOLOGY PROGRAM (NTP): NONE - OCCUPATIONAL SAFETY AND HEALTH
ADMINISTRATION (OSHA): NONE

Effects of Overexposure:INHALATION: IN CONTACT WITH STRONG ACIDS OR IF HEATED, SULFITES MAY LIBE

RATE SULFUR DIOXIDE GAS. SULFUR DIOXIDE

GAS IS IRRITATING TO THE RESPIRATORY TRACT. EYES: MAY CAUSE TRANSIENT IRRITATION.

Medical Cond Aggravated by Exposure:SOME ASTHMATICS, HYPERSENSITIVE OR SULFITE-SENSITIVE INDIVIDUALS MAY EXPERIENCE DIFFICULT BREATHING, WHEEZING, CHEST TIGHTNESS, STOMACH UPSET, HIVES, FAINTNESS, WEAKNESS AND DIARRHEA.

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. G ET 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.

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

Flash Point:NONE

Extinguis

hing Media: USE APPROPRIATE AGENT FOR ADJACENT FIRE.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING. FIRE OR EXCESSIVE HEAT MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS.

Unusual Fire/Explosion Hazard: SOLUTION CONTAINS A STRONG REDUCING AGENT. DRIED PRODUCT RESIDUE CAN ACT AS A REDUCING AGENT.

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

Spill Release Procedures:FLUSH TO SEWER WITH LARGE AMOUNT OF WATER. OTHERWISE,

ABSORB SPILL WITH VERMICULITE OR OTHER INERT MATERIAL,
THEN PLACE IN A CONTAINER FOR CHEMICAL WASTE. CLEAN SURFACE
THOROUGHLY TO REMOVE RESIDUAL C ONTAMINATION.
Neutralizing Agent:NOT PROVIDED

Handling and Storage Precautions: KEEP CONTAINER TIGHTLY CLOSED. KEEP AWAY FROM INCOMPATIBLE SUBSTANCES (SEE INCOMPATIBILITY SECTION). KEEP FROM CONTACT WITH OXIDIZING MATERIALS.

Other Precautions: AVOID BREATHING MIST OR V

APOR. 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. A RESPIRATOR SHOULD BE WORN IF HAZARDOUS DECOMPOSITION PRODUCTS ARE LIKELY TO BE OR HAVE BEEN RELEASED. RESPIRATOR TYPE: ACID GAS. SEE STABILITY AND REACTIVITY SECTION. IF RESPI RATORS ARE USED, A PROGRAM SHOULD BE INSTITU

TED 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: 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 EYE CONTACT.

Supplem

ental Safety and Health

ABBREVIATION: N/A = NOT APPLICABLE. N/AV = NOT AVAILABLE. N/K = UNKNOWN. N/P = NOT PROVIDED. N/R = NOT RELEVANT. N/D = NOT DETERMINED. N/E = NOT ESTABLISHED. CNS = CENTRAL NERVOUS SYSTEM. GI = GASTROI NTESTINAL. SCBA = SELF CONTAINED BREATHING APPARATUS.

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

HCC:C3

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:>100.C, 212.F

Melt/Freeze Pt:M.P/F.P Text:NOT PROVIDED Decomp Temp:Decomp Text:NOT PROVID

ED

Vapor Pres:68F: 24 MBAR (18 MM HG)

Vapor Density:0.6 Spec Gravity:1.08-1.10

pH:4.9

Viscosity:NOT PROVIDED

Evaporation Rate & Dr. Reference: NOT PROVIDED

Solubility in Water: COMPLETE

Appearance and Odor: COLORLESS LIQUID. ODOR: AMMONIA.

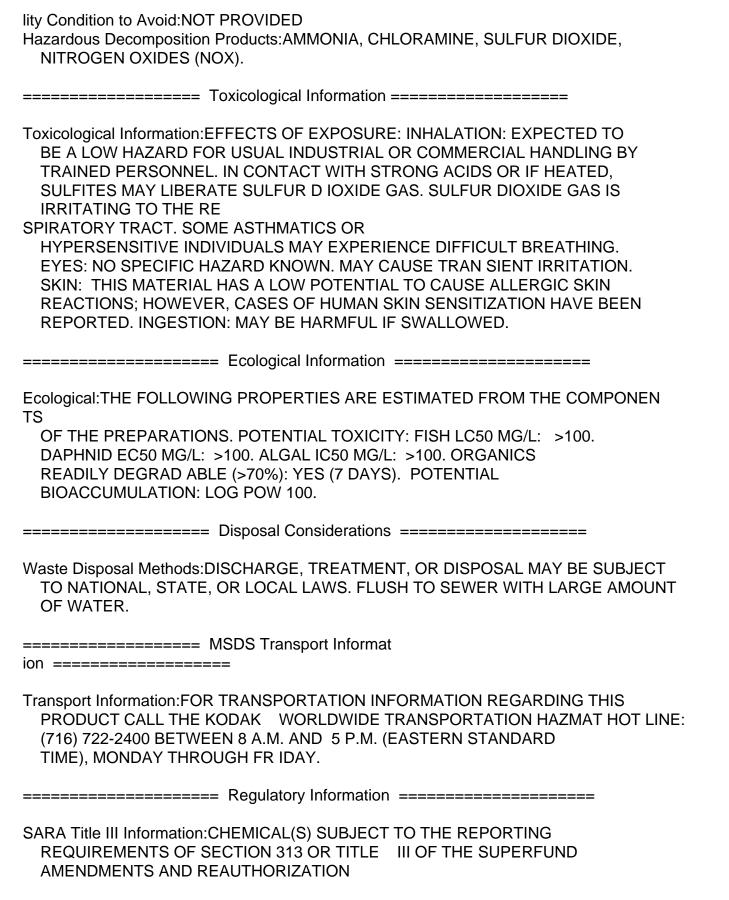
Percent Volatiles by Volume:85-90 WT Corrosion Rate:NOT PROVIDED

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

Stability Indicator/Materials to Avoid:YES

BASES, SODIUM HYPOCHLORITE (BLEACH), STRONG OXIDIZING AGENTS, STRONG ACIDS.

Stabi



ACT (SARA) OF 1986 AND 40 CFR

PART 372: AMMONIUM THIOSULFATE, AMMONI UM BISULFITE; AS SOURCES OF AQUEOUS AMMONIA.

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 WHMIS (CANADA) HAZARD CLASSIFICATION: D2/B

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

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