

EASTMAN KODAK COMPANY -- 818 3428;FLEXICOLOR AR DEVELOPER REPLENISHER;PT C;KAN449572 -- 6750-01-285-1766

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

Product ID:818 3428;FLEXICOLOR AR DEVELOPER REPLENISHER;PT C;KAN449572

MSDS Date:08/03/1994

FSC:6750

NIIN:01-285-1766

MSDS Number: BVBMW

=== Responsible Party ===

Company Name:EASTMAN KODAK COMPANY

Address:343 STATE STREET

City:ROCHESTER

State:NY

ZIP:14650

Cou

ntry: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

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

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Fraction by Wt: 50-55%

Other REC Limits:NONE RECOMMENDED

Ingred Name:4-(N-ETHYL-N-2-H

YDROXYETHYL)-2-METHYLPHENYLENEDIAMINE
SULFATE

CAS:25646-77-9

RTECS #:KJ6477000

Fraction by Wt: 45-50%

Other REC Limits:NONE RECOMMENDED

Ingred Name:SODIUM BISULFITE (SASA III)

CAS:7631-90-5

RTECS #:VZ2000000

Fraction by Wt: 1-5%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3

ACGIH TLV:5 MG/M3; 9394

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

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

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 25-50MG/KG INGRED #2

Routes of Entry: In

halation:YES Skin:YES Ingestion:NO

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

Health Hazards Acute and Chronic:EYES:MAY CAUSE IRRITATION.SKIN:MAY

CAUSE IRRITATION.INGEST:RELEASES SULFUR DIOXIDE GAS.MAY CAUSE GI

TRACT IRRITATION.INHAL:MAY CAUSE RESPIRATORY IRRITATION.CHRONIC:MAY

CAUSE BLOOD DISORDERS AND KIDNEY DAMAGE.

Explanation of Carcinogenicity:THERE ARE NO INGREDIENTS ABOVE 0.1%

WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.

Effects of Overexposure:SKI

N:ALLERGIC SKIN REACTIONS.

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING

RESPIRATORY AILMENTS(ASTHMA,RESPIRATORY SENSITIVITY) MAY BE AT

INCREASED RISK FROM EXPOSURE.

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

First Aid:SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH SOAP AND

WATER.USE A NON-ALKALINE SKIN CLEANER.EYES:FLUSH WITH WATER FOR 15

MINUTES.INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN OR ARTIFICIAL

RESPIRATION IF NEEDED.INGEST:GET PRO

MPT QUALIFIED MEDICAL

ATTENTION. IF CONSCIOUS, INDUCE VOMITING AS DIRECTED BY MEDICAL PERSONNEL.

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

Flash Point: NONE

Extinguishing Media: WATER FOG, DRY CHEMICAL, CARBON DIOXIDE, ALCOHOL FOAM.

Fire Fighting Procedures: USE A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT. COOL FIRE EXPOSED CONTAINERS WITH WATER FOG.

Unusual Fire/Explosion Hazard: FIRE CONDITIONS MAY EVOLVE TOXIC FUMES.

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= Accidental Release Measures =====

Spill Release Procedures: SOAK UP WITH NON-COMBUSTIBLE INERT ADSORBENT (EG. CLAY); PLACE COLLECTED MATERIAL IN AN APPROPRIATE CONTAINER FOR DISPOSAL; CLEAN SPILL AREA TO REMOVE SLIPPERINESS. FOR SMALL SPILLS, PH BETWEEN 3-12, FLUSH TO SEWER WITH PLENTY OF WATER.

Neutralizing Agent: DEPENDS ON PH; LOW PH USE LIME, SODIUM BICARBONATE/HIGH PH USE VINEGAR (ACETIC ACID)

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

Handli

ng and Storage Precautions: USE WITH ADEQUATE VENTILATION. KEEP CONTAINERS CLOSED. KEEP AWAY FROM OXIDIZERS AND HEAT.

Other Precautions: FOLLOW LABEL DIRECTIONS. AVOID BREATHING VAPORS. AVOID SKIN AND EYE CONTACT. CONTAINERS MAY BUILD UP PRESSURE. USE OF A NON-ALKALINE SKIN CLEANER MAY AVOID ALLERGIC SKIN REACTIONS.

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

Respiratory Protection: WHERE ENVIRONMENTAL CONTROLS ARE LACKING OR IN ENCLOSED SPACES USE EITHER A SELF-CONTAINED BREATHING APPARATUS OR A NIOSH/MSHA APPROVED RESPIRATOR FOR ACID GAS, DEPENDING ON THE AIRBORN CONCENTRATION.

Ventilation: USE GENERAL DILUTION VENTILATION. MFR RECOMMENDS 10 AIR CHANGES/HOUR. USE SUPPLEMENTARY LOCAL EXHAUST AT THE WORKSITE.

Protective Gloves: IMPERVIOUS

Eye Protection: CHEMICAL GOGGLES.

Other Protective Equipment: PROTECTIVE CLOTHING, AS NEEDED. PROVIDE A LOCAL EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices: WASH HANDS. SEPERATE WORK CLOTHES FROM STR

EET

CLOTHES.LAUNDRER WORK CLOTHES BEFORE REUSE.KEEP FOOD OUT OF THE WORK AREA.

Supplemental Safety and Health

NONE

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

HCC:C2

Boiling Pt:B.P. Text:>212F,>100C

Vapor Pres:18

Vapor Density:0.6

Spec Gravity:1.19

pH:2.1

Solubility in Water:COMPLETE

Appearance and Odor:LIQUID;YELLOW;STRONG SULFUR DIOXIDE

Percent Volatiles by Volume:50-60

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

Stability Indicator/M

aterials to Avoid:YES

STRONG OXIDIZING AGENTS(EG.BLEACH),BASES

Stability Condition to Avoid:HIGH HEAT ABOVE 338F CAN CAUSE DECOMPOSITION.

Hazardous Decomposition Products:CARBON DIOXIDE,CARBON MONOXIDE,OXIDES OF NITROGEN AND SULFUR(INCLUDING SULFUR DIOXIDE-TLV IS 2MG/M3 TWA).

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH FEDERAL,STATE AND LOCAL REGULATIONS.PRETREATMENT MAY BE REQUIRED BEFORE RELEASE INTO

SEWER IF PH IS OUTSIDE OF THE RANGE,3-12.

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