

EASTMAN KODAK CO. -- 180 3972 MICROFILM BLEACH AND REPLENISHER -- 6750-01-064-7321

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

Product ID:180 3972 MICROFILM BLEACH AND REPLENISHER

MSDS Date:07/01/1992

FSC:6750

NIIN:01-064-7321

MSDS Number: BNNGY

=== Responsible Party ===

Company Name:EASTMAN KODAK CO.

Address:343 STATE STREET

City:ROCHESTER

State:NY

ZIP:14650

Country:US

Info Phone Num:716-722-5151

Emergenc

y 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:SULFAMIC ACID

CAS:5329-14-6

RTECS #:WO5950000

Fraction by Wt: 15-20%

Other REC Limits:NONE SPECIFIED

Ingred Name:SODIUM DICHROMATE

CAS:10588-01-9

RTECS #:HY7700000

Fra

ction by Wt: 1-5%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:0.05 MG/CUM (CR 6)  
ACGIH TLV:0.5 MG/KG TWA (CR6)  
EPA Rpt Qty:10 LBS  
DOT Rpt Qty:10 LBS

Ingred Name:WATER  
CAS:7732-18-5  
RTECS #:ZC0110000  
Fraction by Wt: 75-80%  
Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: MAY CAUSE BURNS TO SKIN A  
ND

EYES ON CONTACT. MAY CAUSE ALLERGIC SKIN REACTION. HARMFUL IF  
ABSORBED THROUGH SKIN. MAY CAUSE BURNS TO MOUTH, THROAT, AND GI  
TRACT IF SWALLOWED. MAY CAUSE KIDNEY DAMAGE IF SWALLOWED OR  
ABSORBED BY SKIN. CHRONIC: MAY CAUSE CANCER.

Explanation of Carcinogenicity:SODIUM DICHRDMATE IS TUMORIGEN AND  
ANIMAL INDEFINITE CARCINOGEN.

Effects of Overexposure:INGESTION: SEVERE PAIN IN MOUTH, THROAT, AND  
STOMACH; NAUSEA, VOMITING. EYES: PAIN, REDNESS, TEARING, BLURRED  
VISION.

SKIN: PAIN, REDNESS, ITCHING.

Medical Cond Aggravated by Exposure:ANY PREEXISTING ALLERGY OR  
SENSITIVITY.

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

First Aid:INHALATION: REMOVE PERSON TO FRESH AIR. EYES: FLUSH WITH  
WATER FOR 15 MINUTES AND GET IMMEDIATE MEDICAL HELP. SKIN: REMOVE  
CONTAMINATED CLOTHES. FLUSH WITH WATER THEN WASH WITH SOAP AND  
WATER. INGESTION: DO NOT INDUCE VOMITING! IF CONSCIOUS; GIVE 1-2  
GLASSES OF WATER. CALL DOCTOR OR POISON C  
ONTROL CENTER IMMEDIATELY.

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

Flash Point:NONE

Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, DRY CHEMICAL, FOAM

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND  
PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures:ABSORB SPILL WITH VERMICULITE OR OTHER INERT  
MATERIAL; THEN PL

ACE IN A CONTAINER FOR LATER DISPOSAL.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:USE WITH ADEQUATE VENTILATION. KEEP  
CONTAINER CLOSED. KEEP AWAY FROM INCOMPATIBLE SUBSTANCES.  
Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:NONE NORMALLY REQUIRED.  
Ventilation:USE ADEQUATE MECHANICAL VENTIL  
ATION. MANUFACTURER SAYS 10  
ROOM CHANGES/HOUR.  
Protective Gloves:RUBBER  
Eye Protection:SAFETY GLASSES/CHEMICAL SPLASH GOGGLES  
Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER  
Work Hygienic Practices:WASH HANDS AFTER USE AND BEFORE EATING,  
DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.  
Supplemental Safety and Health  
NEW FORMULA ENTRY PER MSDS DATED 01JULY1992. KEY1:C1. SEE P/N A & B FOR  
PREVIOUS FORMULAS.

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

HCC:C1  
Boiling Pt:B.P. Text:>212F,>100C  
Vapor Pres:18 MM@20C  
Vapor Density:0.6  
Spec Gravity:1.14  
pH: