

EASTMAN KODAK COMPANY -- 146 4593 D-19 DEVELOPER,CONCENTRATE -- 6750-00-153-8907
===== Product Identification =====

Product ID:146 4593 D-19 DEVELOPER,CONCENTRATE

MSDS Date:11/29/1995

FSC:6750

NIIN:00-153-8907

MSDS Number: BTZVN

=== Responsible Party ===

Company Name:EASTMAN KODAK COMPANY

Address:343 STATE STREET

City:ROCHESTER

State:NY

ZIP:14650

Country:US

Info Phone Num:800-242-2424

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

Company Name:EASTMAN KODAK CO US CUSTOMER SERVICE/GOVERNMENT SALES

Address:800 LEE RD

Box:City:ROCHESTER

State:NY

ZIP:14650-3129

Country:US

Phone:800-828-6203

CAGE:5K871

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

Ingred Name

:SODIUM SULFITE
CAS:7757-83-7
RTECS #:WE2150000
Fraction by Wt: 55 - 60%
Other REC Limits:NONE RECOMMENDED

Ingred Name:SODIUM CARBONATE,MONOHYDRATE
CAS:5968-11-6
Fraction by Wt: 30 - 35%
Other REC Limits:NONE RECOMMENDED

Ingred Name:HYDROQUINONE (SARA 302/313) (CERCLA)
CAS:123-31-9
RTECS #:MX3500000
Fraction by Wt: 5%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:2 MG/M3
ACGIH TLV:2 MG/M3; 9596
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:P-METHYLAMINOPHENOL SULFATE (METOL)
CAS:55-55-1
RTECS #:
SL8650000
Fraction by Wt: 1 - 5%
Other REC Limits:NONE RECOMMENDED

Ingred Name:POTASSIUM BROMIDE
CAS:7758-02-3
RTECS #:TS7650000
Fraction by Wt: 1 - 5%
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS 500-5000 MG/KG.
Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Explanation of Carcinogenicity:NONE
Effects of Overexposure:IRRITATION, ALLERGIC

SKIN REACTION, NAUSEA,
VOMITING, TEARING

Medical Cond Aggravated by Exposure:INDIVIDUALS WITH PRE-EXISTING SKIN
DISORDERS OR SOME ASTHMATICS OR HYPERSENSITIVE INDIVIDUALS MAY BE
MORE SUCCEPTIBLE TO THE EFFECTS FROM EXPOSURE TO THIS PRODUCT.

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

First Aid:GET MEDICAL ATTENTION IF SYMPTOMS PERSIST. SKIN:FLUSH WITH
WATER & WASH WITH A NON-ALKALINE TYPE SKIN CLEANER. EYE:FLUSH WITH
WATER FOR 15 MINUTES. HOLD EYEL
IDS OPEN. INHALED:REMOVE TO FRESH
AIR. ORAL :IF CONSCIOUS, INDUCE VOMITING IMMEDIATELY AS DIRECTED BY
MEDICAL PERSONNEL. CALL A PHYSICIAN/POISON CONTROL CENTER
IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

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

Flash Point:NONE
Lower Limits:NOT RELEVANT
Upper Limits:NOT RELEVANT
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. HAZARDOUS DECOMPOSITION
PRODUCTS MAY BE FORMED.
Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:FLUSH TO SEWER WITH LARGE AMOUNT OF WATER IF
PERMITTED. OTHERWISE, SWEEP UP AND PLACE IN A CONTAINER FOR
CHEMICAL WASTE. CLEAN SURFACE THOROUGHLY TO REMOVE RESIDUAL
CON
TAMINATION. AVOID RAISING DUST.
Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE AWAY FROM STRONG ACIDS. KEEP
CONTAINER CLOSED. KEEP OUT OF REACH OF CHILDREN.
Other Precautions:AVOID CONTACT WITH EYES, SKIN AND CLOTHING. USE WITH
ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING. THE ROUTINE
USE OF A NONALKALINE (ACID) TYPE OF HAND CLEANER AND REGULAR
CLEANING OF WORKING SURFACES WILL

MINIMIZE SKIN REACTION.

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

Respiratory Protection:IF ENGINEERING CONTROLS DO NOT MAINTAIN AIRBORNE CONCENTRATIONS TO AN ACCETABLE LEVEL, A NIOSH-APPROVED RESPIRATOR FOR DUST MUST BE WORN. IF RESPIRATORS ARE USED, A PROGRAM SHOULD BE INSTITUTED TO ASS URE COMPLIANCE WITH OSHA 29CFR 1910.134.

Ventilation:GOOD GENERAL VENTILATION (TYPICALLY 10 AIR CHANGES/HR) SHOULD BE USED. VENTILATION RATES SHOULD BE MATCHED TO CON DITIONS

Protective Gloves:RUBBER/LATEX

Eye Protection:SAFETY GLASSES WITH SIDE SHIELDS/GOGGLES

Other Protective Equipment:EYE BATH, WASHING FACILITIES, SAFETY SHOWER AND IMPERVIOUS CLOTHING

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. WASH THOROUGHLY BEFORE EATING, DRINKING/SMOKING.

Supplemental Safety and Health

FORMULA/ % CHANGED. FOR PREVIOUS FORMULATIONS, SEE PNI A/B, SAME NSN. SEE PNI W FOR WORKING SOLUTION. ECOLOGICAL INFORMA

TION:A HIGH

BIOCHEMICAL OXYGEN DEMAND, A HIGH POTENTIAL TO AFFECT SOME AQUATIC O RGANISMS. AFTER DILUTION WITH WATER, FOLLOWED BY WASTE TREATMENT, IT IS NOT EXPECTED TO CAUSE ADVERSE ENVIRONMENT EFFECT

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

HCC:N1

NRC/State Lic Num:NOT RELEVANT

Viscosity:NOT RELEVANT

Evaporation Rate & Reference:NOT RELEVANT

Solubility in Water:APPRECIABLE

Appearance and Odor:WHITE SOLID - ODORLESS

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

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS

Stability Condition to Avoid:NONE

Hazardous Decomposition Products:SULFUR DIOXIDE, CARBON MONOXIDE, CARBON DIOXIDE MAY BE FORMED.

===== 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 IF ALLOWED.

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rmation by the compiling agencies):

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