

EASTMAN KODAK COMPANY -- 140 2767,T-MAX DEVELOPER -- 6750-01-281-4599

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

Product ID:140 2767,T-MAX DEVELOPER

MSDS Date:06/23/1989

FSC:6750

NIIN:01-281-4599

MSDS Number: BHXQW

=== 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

C

AGE: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:DIETHANOLAMINE-SULFUR DIOXIDE COMPLEX

CAS:63149-47-3

Fraction by Wt: 45-50%

Other REC Limits:NONE SPECIFIED

Ingred Name:WATER

CAS:7732-18-5

RTECS #:ZC0110000

Fraction by Wt: 40-45%

Other REC Li

imits:NONE SPECIFIED

Ingred Name:HYDROQUINONE (SARA III)

CAS:123-31-9

RTECS #:MX3500000

Fraction by Wt: 4%

Other REC Limits:NONE SPECIFIED

OSHA PEL:2 MG/M3

ACGIH TLV:2 MG/M3; 9192

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:SODIUM BISULFITE (SASA III)

CAS:7631-90-5

RTECS #:VZ2000000

Fraction by Wt: 1-5%

Other REC Limits:NONE SPECIFIED

OSHA PEL:5 MG/M3

ACGIH TLV:5 MG/M3; 9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:PENIETIC ACID, PENTA SODIUM SALT

CAS:140-01-2

Fraction by Wt:

< 1%

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 (ORAL RAT) IS NOT ESTABLISHED.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:EYES/SKIN: CAUSES IRRITATION. MAY
CAUSE AN ALLERGIC SKIN REACTION. INGESTION: HARMFUL - CAUSES
GASTROINTESTINAL TRACT IRRITATION. INHALATION: LOW HAZARD FOR
RECOMMENDED INDUSTRIAL H

ANDLING.

Explanation of Carcinogenicity:NONE OF THE COMPOUNDS IN THIS PRODUCT IS
LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.

Effects of Overexposure:IRRITATION OF EYES/SKIN/GASTROINTESTINAL
SYSTEM.

Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF AILMENTS
OR WITH A PRE-EXISTING DISEASE INVOLVING THE SKIN MAY BE AT
INCREASED RISK FROM EXPOSURE.

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

First Aid:EYES:IMMEDIATELY FLUSH WITH PLENTY OF WATE

R FOR 15 MINUTES

HOLDING EYELIDS OPEN. GET IMMEDIATE MEDICAL ATTENTION. SKIN:REMOVE
CONTAMINATED CLOTHING AND SHOES. WASH SKIN WITH SOAP AND WATER.
WASHING WITH A NON-ALKALINE TYPE OF SKIN CLEANER IS RECOMMENDED.
GET MEDICAL ATTENTION. INGESTION: DRINK 1-2 GLASSES OF WATER AND
GET MEDICAL ATTENTION AT ONCE.

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

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY
CHEMICAL AS APPROPRIATE FOR SU
ROUNDINGS.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A
FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL
FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE
HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS.

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

Spill Release Procedures:REMOVE RESIDUE WITH LARGE AMOUNTS OF WATER BY
FLUSHING TO THE SEWER (ACID-FREE). DI
SCHARGE MAY BE GOVERNED BY
LOCAL LAW.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP CONTAINERS TIGHTLY CLOSED WHEN
NOT IN USE AND AWAY FROMSTRONG ACIDS AND OXIDIZING AGENTS.

Other Precautions:AVOID CONTACT WITH EYES. WASH THOROUGHLY AFTER
HANDLING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

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

Respiratory

Protection:AN APPROPRIATE NIOSH-APPROVED RESPIRATOR FOR
ORGANIC VAPOR SHOULD BE WORN IF NEEDED.

Ventilation:MECHANICAL (GENERAL) ROOM VENTILATION IS NORMALLY ADEQUATE.

Protective Gloves:NEOPRENE OR NATURAL RUBBER

Eye Protection:SAFETY GLASSES

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER.

INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND
RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR

FOOTWEAR.

Supplemental Safety and Health

AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES.

LAUNDER CONTAMINATED CLOTHING PRIOR TO REUSE. THE ROUTINE USE OF A
NON-ALKALINE (ACID) SKIN CLEANER AND REGULAR CLEANING OF WORKING
SURFACES WILL MINIMIZE THE POSSIBILITY OF AN ALLERGIC SKIN REACTION.

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

HCC:N1

Boiling Pt:B.P. Text:>212

Vapor Pres:18 @20C

Vapor Density:0.6

Spec Gravity:1.23

pH:8.3

Evapora

tion Rate & Reference:NEGLIGIBLE

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR LIQUID; AMINE ODOR

Percent Volatiles by Volume:30

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, STRONG ACIDS

Stability Condition to Avoid:HIGH HEAT

Hazardous Decomposition Products:CARBON DIOXIDE AND PROBABLY CARBON
MONOXIDE AS WELL AS OXIDES OF SULFUR AND NITROGEN.

===== Disposal Consideration

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Waste Disposal Methods:DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH ALL
APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

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