

## **169 1955,MICRODOL-X DEVELOPER**

### **MSDS Number**

BBFMK

### **National Stock Number**

6750-00D001847

### **Product Name**

169 1955,MICRODOL-X DEVELOPER

### **Manufacturer**

EASTMAN KODAK COMPANY

### **Product Identification**

Product ID:169 1955,MICRODOL-X DEVELOPER

MSDS Date:12/12/1989

FSC:6750

NIIN:00D001847

MSDS Number: BBFMK

### **Responsible Party**

EASTMAN KODAK COMPANY

343 STATE STREET

ROCHESTER , NY 14650

US

Emergency Phone: 716-722-5151

Info Phone: 716-722-5151

Cage: 19139

### **Contractor**

EASTMAN KODAK CO GOVERNMENT MARKETS CONTRACTS

ROCHESTER, NY 14650-1115

US

716-722-5151/(800) 242-2424

Cage: 19139

### **Ingredients**

SODIUM SULFITE

CAS: 7757-83-7

RTECS: WE2150000

Fraction By Weight: 70-80%

SODIUM CHLORIDE

CAS: 7647-14-5

RTECS: VZ4725000

Fraction By Weight: 20-30%

P-METHYLAMINOPHENOL SULFATE (METOL)

CAS: 55-55-1

RTECS: SL8650000

Fraction By Weight: 1-5%

## Hazards

LD50 LC50 Mixture:LD50 (ORAL RAT) IS 0.5 - 5.0 G/KG  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: INHALATION:RESPIRATORY TRACT IRRITATION FROM HIGH CONCENTRATIONS OF DUST. EYES: CAUSES IRRITATION. SKIN: CAUSES IRRITATION. CAN CAUSE AN ALLERGIC SKIN REACTION. INGESTION: MAY CAUSE IRRITATION . MANUFACTURER STATES THAT MATERIAL IS EXPECTED TO BE A LOW INGESTION HAZARD.  
Explanation of Carcinogenicity:NONE OF THE COMPOUNDS IN THIS PRODUCT IS LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.  
Effects of Overexposure:INHALATION:IRRITATION. EYES/SKIN:CAUSES IRRITATION. CAN CAUSE AN ALLERGIC SKIN REACTION. INGESTION:MAY CAUSE IRRITATION.  
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

First Aid:EYES:IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES HOLDING EYELIDS OPEN. GET IMMEDIATE MEDICAL ATTENTION. SKIN:REMOVE CONTAMINATED CLOTHING AND SHOES. WASH SKIN WITH SOAP AND WATER. GET MEDICAL ATTENTION. INGESTION:DRINK 1-2 GLASSES OF WATER. GET MEDICAL ATTENTION.

## Fire Fighting

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

Spill Release Procedures:REMOVE RESIDUE WITH LARGE AMOUNTS OF WATER BY FLUSHING TO THE SEWER. DISCHARGE MAY BE GOVERNED BY LOCAL LAW.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions:KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE AND AWAY FROM ACIDS. PROTECT CONTAINERS FROM DAMAGE.  
Other Precautions:AVOID CONTACT WITH EYES. WASH THOROUGHLY AFTER HANDLING. USE OF NON-ALKALINE TYPE HAND CLEANER REDUCES RISK OF ALLERGIC SKIN REACTION. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

## Exposure Controls

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:IMPERVIOUS GLOVES  
Eye Protection:SAFETY GLASSES WITH SIDE SHIELDS  
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. LAUNDRY CONTAMINATED CLOTHING PRIOR TO REUSE.

## Chemical Properties

HCC:N1  
Vapor Pres:NEGLIGIBLE

Spec Gravity:>1  
Evaporation Rate & Reference:NEGLIGIBLE  
Solubility in Water:APPRECIABLE  
Appearance and Odor:TAN COLORED POWDER; ODORLESS  
Percent Volatiles by Volume:NIL

## Stability

Stability Indicator/Materials to Avoid:YES  
STRONG ACIDS  
Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES  
OF IGNITION  
Hazardous Decomposition Products:CARBON DIOXIDE AND PROBABLY CARBON  
MONOXIDE AS WELL AS AMMONIA AND OXIDES OF SULFUR (SULFUR DIOXIDE)

## Disposal

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

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