

## **816 1515 55 DEVELOPER**

### **MSDS Number**

BBFKL

### **National Stock Number**

6750-00D001722

### **Product Name**

816 1515 55 DEVELOPER

### **Manufacturer**

EASTMAN KODAK COMPANY

### **Product Identification**

Product ID:816 1515 55 DEVELOPER

MSDS Date:02/13/1991

FSC:6750

NIIN:00D001722

MSDS Number: BBFKL

### **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**

WATER

CAS: 7732-18-5

RTECS: ZC0110000

Fraction By Weight: 85-90%

SODIUM SULFITE

CAS: 7757-83-7

RTECS: WE2150000

Fraction By Weight: 5-10%

HYDROQUINONE (SARA III)

CAS: 123-31-9

RTECS: MX3500000

Fraction By Weight: 4%

OSHA PEL2 MG/M3

ACGIH TLV: 2 MG/M3; 9192

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

POTASSIUM HYDROXIDE (SARA III)

CAS: 1310-58-3

RTECS: TT2100000

Fraction By Weight: 1-5%

OSHA PELC, 2 MG/M3

ACGIH TLV: C 2 MG/M3; 9192

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

## Hazards

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:ACUTE: INHALATION:RESPIRATORY TRACT

IRRITATION. EYES: CAUSES BURNS AND IRRITATION. SKIN: CAUSES

IRRITATION AND BURNS. CAN CAUSE AN ALLERGIC SKIN REACTION.

INGESTION: MAY CAUSE BURNS OF THE ESOPHAGUS AND STOMACH. ALSO

ABDOMINAL PAIN, VOMITING, DIARRHEA & SHOCK MAY OCCUR.

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 AND BURNS. CAN CAUSE AN ALLERGIC SKIN REACTION.

INGESTION:MAY CAUSE BURNS OF THE ESOPHAGUS AND STOMACH. ALSO

ABDOMINAL PAIN, VOMITING, DIARRHEA & SHOCK MAY OCCUR.

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:INDUCE VOMITING AT ONCE. GIVE NOTHING  
BY MOUTH IF UNCONSCIOUS. IMMEDIATELY GIVE ONE GLASS OF MILK OR  
WATER. CALL A PHYSICIAN AT ONCE. NOTE: ALKALINE SOLUTION. TREAT  
ACCORDINGLY

## 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 AN ACID-FREE 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. KEEP FROM CONTACT WITH OXIDIZING MATERIALS & 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. LAUNDER 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:NEOPRENE OR NATURAL RUBBER  
Eye Protection:SAFETY GOGGLES WITH OPTIONAL FACE SHIELD  
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. CONTAMINATED CLOTHING MAY HAVE TO BE DESTROYED.

## Chemical Properties

HCC:N1  
Boiling Pt:B.P. Text:>212F,>100C  
Vapor Pres:18MM  
Vapor Density:0.6  
Spec Gravity:1.097  
pH:10.4  
Evaporation Rate & Reference:0.4  
Solubility in Water:COMPLETE  
Appearance and Odor:CLEAR TAN SOLUTION; ODORLESS  
Percent Volatiles by Volume:85

## Stability

Stability Indicator/Materials to Avoid:YES  
STRONG ACIDS  
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.  
Hazardous Decomposition Products:CARBON DIOXIDE AND PROBABLY CARBON MONOXIDE AS WELL AS OXIDES OF SULFUR

## Disposal

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

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