

189 5176;448 MONOBATH(SINGLE SOLUTION)

MSDS Number

BXCMD

National Stock Number

6750-00-075-0467

Product Name

189 5176;448 MONOBATH(SINGLE SOLUTION)

Manufacturer

EASTMAN KODAK COMPANY

Product Identification

Product ID:189 5176;448 MONOBATH(SINGLE SOLUTION)

MSDS Date:04/06/1995

FSC:6750

NIIN:00-075-0467

MSDS Number: BXCMD

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: 75-85%

SODIUM THIOSULFATE

CAS: 7772-98-7

RTECS: XN6476000

Fraction By Weight: 10-15%

SODIUM SULFITE

CAS: 7757-83-7

RTECS: WE2150000

Fraction By Weight: 1-5%

HYDROQUINONE (SARA 302/313) (CERCLA)

CAS: 123-31-9

RTECS: MX3500000

Fraction By Weight:

OSHA PEL2 MG/M3

ACGIH TLV: 2 MG/M3; 9495

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

SODIUM HYDROXIDE (CERCLA)

CAS: 1310-73-2

RTECS: WB4900000

Fraction By Weight: 1-5%

OSHA PEL2 MG/M3

ACGIH TLV: C 2 MG/M3; 9495

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

1-PHENYL-4,4-DIMETHYL-3-PYRAZOLIDINONE

CAS: 2654-58-2

Fraction By Weight:

Hazards

LD50 LC50 Mixture:ORAL LD50 (RAT) IS 0.5-5G/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

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

Health Hazards Acute and Chronic:EYES:MAY CAUSE IRRITATION.SKIN:MAY CAUSE IRRITATION.MAY CAUSE ALLERGIC SKIN REACTION.INGEST:EXPECTED TO BE A LOW HAZARD FOR RECOMMENDED HANDLING.MAY CAUSE GI TRACT IRRITATION.INHAL:EXPECTED TO BE A LOW HAZARD FOR EXPECTED HANDLING.

Explanation of Carcinogenicity:HYDROQUINONE:SOME EVIDENCE OF CARCINOGENICITY(NTP),IARC-GROUP 3.

Effects of Overexposure:EYES/SKIN:IRRITATION.

Medical Cond Aggravated by Exposure:NOT REPORTED.

First Aid

First Aid:SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH SOAP AND WATER.GET MEDICAL ATTENTION.EYES:FLUSH WITH WATER FOR 15 MINUTES.GET MEDICAL ATTENTION.INHAL:REMOVE TO FRESH AIR.GIVE OXYGEN OR ARTIFICIAL RESPIRATION IF NEEDED.GET MEDICAL ATTENTION IF SYMPTOMS PERSIST.INGEST:DO NOT INDUCE VOMITING.GET PROMPT QUALIFIED MEDICAL ATTENTION.IF CONSCIOUS,GIVE 1-2 GLASSES OF WATER.

Fire Fighting

Flash Point:NONE

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

Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE EQUIPMENT.

Unusual Fire/Explosion Hazard:RESIDUE FROM DRIED PRODUCT CONTAINS A STRONG REDUCING AGENT.FIRE CONDITIONS MAY EVOLVE TOXIC FUMES.

Accidental Release

Spill Release Procedures:SOAK UP WITH NON-COMBUSTIBLE INERT ADSORBANT(EG.CLAY);PLACE COLLECTED MATERIEL IN AN APPROPRIATE CONTAINER FOR DISPOSAL;CLEAN SPILL AREA TO REMOVE SLIPPERINESS.SMALL SPILLS CAN BE FLUSHED TO SEWER WITH PLENTY OF WATER.

Neutralizing Agent:NOT REPORTED.

Handling

Handling and Storage Precautions:USE WITH ADEQUATE VENTILATION.KEEP CONTAINERS CLOSED.AVOID CONTACT WITH OXIDIZERS.

Other Precautions:FOLLOW LABEL DIRECTIONS.AVOID BREATHING VAPORS.AVOID SKIN AND EYE CONTACT.ROUTINE USE OF A NON-ALKALINE SKIN CLEANSER(ACIDIC) MAY PREVENT AN ALLERGIC REACTION.

Exposure Controls

Respiratory Protection:NOT NEEDED IN NORMAL SERVICE.

Ventilation:USE GENERAL DILUTION VENTILATION.MFR RECOMMENDS 10 AIR CHANGES/HOUR.

Protective Gloves:IMPERVIOUS

Eye Protection:SAFETY GLASSES WITH SIDESHIELDS.

Other Protective Equipment:PROTECTIVE CLOTHING,AS NEEDED.PROVIDE A LOCAL EYE WASH STATION AND SAFETY SHOWER.

Work Hygienic Practices:WASH HANDS.SEPERATE WORK CLOTHES FROM STREET CLOTHES.LAUNDER WORK CLOTHES BEFORE REUSE.KEEP FOOD OUT OF THE WORK AREA.

Supplemental Safety and Health
NONE

Chemical Properties

HCC:B3

Boiling Pt:B.P. Text:>212F,>100C

Vapor Pres:18

Vapor Density:0.6

Spec Gravity:1.16

pH:11.5

Solubility in Water:COMPLETE

Appearance and Odor:LIQUID;LIGHT YELLOW;ODORLESS.

Percent Volatiles by Volume:80

Stability

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS.

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:CARBON DIOXIDE,CARBON MONOXIDE,OXIDES OF SULFUR.

Disposal

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH FEDERAL,STATE AND LOCAL REGULATIONS.

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