



146 4544 DEVELOPER D-8,PART B

MSDS Number

BBCHK

National Stock Number

6750-00D000105

Product Name

146 4544 DEVELOPER D-8,PART B

Manufacturer

EASTMAN KODAK COMPANY

Product Identification

Product ID:146 4544 DEVELOPER D-8,PART B

MSDS Date:01/12/1994

FSC:6750

NIIN:00D000105

Kit Part:Y

MSDS Number: BBCHK

Responsible Party

EASTMAN KODAK COMPANY

343 STATE STREET

ROCHESTER , NY 14650

US

Emergency Phone: 716-722-5151

Info Phone: 800- 242-2424

Cage: 19139

Contractor

EASTMAN KODAK CO GOVERNMENT MARKETS CONTRACTS

ROCHESTER, NY 14650-1115

US

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

Cage: 19139

Ingredients

SODIUM HYDROXIDE (CERCLA)

CAS: 1310-73-2

RTECS: WB4900000

Fraction By Weight: 100%

OSHA PEL2 MG/M3

ACGIH TLV: C 2 MG/M3; 9495

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

Hazards

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS 100-200 MG/KG.

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

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

Health Hazards Acute and Chronic:TARGET ORGANS:EYES, SKIN, RESPIRATORY & GI TRACTS. ACUTE- CORROSIVE. EYES/SKIN:CAUSES SEVERE IRRITATION &



BURNS. MAY CAUSE ALLERGIC SKIN REACTION. INHALATION:MAY CAUSE UPPER RESPIRATORY TRACT IRRITATION & DAMAGE. INGESTION:MAY CAUSE SEVEREBURNS OF GASTROINTESTINAL TRACT. CHRONIC- UNKNOWN.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:SEVERE BURNS, IRRITATION, PAIN

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN DISORDERS OR EYE PROBLEMS OR IMPAIRED RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THE SUBSTANCE.

First Aid

First Aid:GET IMMEDIATE MEDICAL HELP FOR ALL CASES OF EXPOSURE. EYES/SKIN:FLUSH WITH WATER FOR AT LEAST 15 MINUTES. HOLD EYELIDS OPEN. REMOVE CONTAMINATED CLOTHING. INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. ORAL:DO NOT INDUCE VOMITING. IF CONSCIOUS, DRINK A GLASS OF WATER. IF VOMITING OCCURS SPONTANEOUSLY, KEEP AIRWAY CLEAR. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

Fire Fighting

Flash Point:NONE

Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL FOR SURROUNDING FIRE. USE WATER WITH CAUTION. REACTS WITH WATER.

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:DIRECT CONTACT WITH MOISTURE OR WATER CAN CAUSE VIOLENT EXOTHERMIC REACTION GENERATING SUFFICIENT HEAT TO IGNITE NEARBY COMBUSTIBLE MATERIALS.

Accidental Release

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENTS. SCOOP UP AND PLACE IN APPROVED CONTAINERS FOR DISPOSAL. NEUTRALIZE REMAINING TRACES OF MATERIAL. SPILL AREA SHOULD THEN BE CLEANED TO REMOVE RESIDUAL CONTAMINATION.

Neutralizing Agent:DILUTE INORGANIC ACID (SULFURIC, HYDROCHLORIC, PHOSPHORIC, NITRIC ACIDS).

Handling

Handling and Storage Precautions:STORE IN TIGHTLY CLOSED CONTAINER IN DRY PLACE AWAY FROM INCOMPATIBLE MATERIALS.

Other Precautions:USE WITH ADEQUATE VENTILATION. DO NOT GET IN EYES, ON SKIN OR ON CLOTHING. DO NOT GENERATE DUST. DO NOT BREATHE DUST, MIST OR FUMES. KEEP OUT OF REACH OF CHILDREN. WASH THOROUGHLY AFTER HANDLING. CAUTION! EMPTY CONTAINER RETAINS RESIDUE.

Exposure Controls

Respiratory Protection:IF ENGINEERING CONTROLS DO NOT MAINTAIN AIRBORNE CONCENTRATIONS TO AN ACCEPTABLE LEVEL, A NIOSH-APPROVED DUST RESPIRATOR MUST BE WORN. A PROGRAM SHOULD BE INSTITUTED TO ASSURE COMPLIANCE WITH OSHA STANDARD 29 CFR 1910.134.

Ventilation:GOOD GENERAL VENTILATION IS SUFFICIENT FOR MOST CONDITIONS (10 ROOM VOLUMES PER HOUR).

Protective Gloves:RUBBER, PVC

Eye Protection:SAFETY GLASSES WITH SIDE SHIELDS/GOGGLES

Other Protective Equipment:RUBBER BOOTS, RUBBER APRON, EYE WASH FOUNTAIN, SAFETY SHOWER

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

Supplemental Safety and Health

KEY1:C2. PRODUCT IS A KIT CONSISTING OF PART A AND B. FOR PART A, SEE PNI A SAME NSN. PRODUCT CAN REACT VIOLENTLY WITH ACIDS OR WATER. NEVER ADD WATER TO PRODUCT. ALWAYS ADD PRODUCT SLOWLY TO WATER WHILE STIRRING.

Chemical Properties

HCC:C2



NRC/State Lic Num:NOT RELEVANT
Melt/Freeze Pt:M.P/F.P Text:604F,318C
Vapor Pres:NEGLIGIBLE
Spec Gravity:2.13
Viscosity:NOT RELEVANT
Evaporation Rate & Reference:NOT RELEVANT
Solubility in Water:COMPLETE
Appearance and Odor:WHITE SOLID - PUNGENT
Percent Volatiles by Volume:NEGLIG

Stability

Stability Indicator/Materials to Avoid:YES
WATER, STRONG ACIDS, ALUMINUM, TIN, ZINC & ALLOYS OF THESE METALS
Stability Condition to Avoid:MOISTURE
Hazardous Decomposition Products:NONE KNOWN

Disposal

Waste Disposal Methods:DISCHARGE, TREATMENT OR DISPOSAL MAY BE SUBJECT TO LOCAL, STATE AND FEDERAL REGULATIONS. SMALL QUANTITIES MAY BE DISSOLVED IN WATER AND NEUTRALIZED WITH ACID. THE NEUTRALIZED SOLUTION CAN BE FLUSHED DOWN THE DRAIN IF PERMITTED.

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