



CIBACHROME P-3;DEVELOPER STARTER,PART B

MSDS Number

BBCDL

National Stock Number

6750-00D000045

Product Name

CIBACHROME P-3;DEVELOPER STARTER,PART B

Manufacturer

ILFORD PHOTO CORP

Product Identification

Product ID:CIBACHROME P-3;DEVELOPER STARTER,PART B

MSDS Date:10/24/1988

FSC:6750

NIIN:00D000045

Kit Part:Y

MSDS Number: BBCDL

Responsible Party

ILFORD PHOTO CORP.

W.70 CENTURY ROAD

PARAMUS , NJ 07653

US

Emergency Phone: 800-888-8372

Info Phone: 201-265-6000

Cage: 64145

Contractor

ILFORD PHOTO CORP

PARAMUS, NJ 07653

US

201-265-6000

Cage: 64145

Ingredients

DIETHYLENE GLYCOL MONOETHYL ETHER

CAS: 111-90-0

RTECS: KK8750000

Fraction By Weight: 45-50%

HYDROQUINONE (SARA III)

CAS: 123-31-9

RTECS: MX3500000

Fraction By Weight: 5-10%

OSHA PEL2 MG/M3

ACGIH TLV: 2 MG/M3; 9192

EPA Report Quantity: 1 LB



DOT Report Quantity: 1 LB

BENZOTRIAZOLE

CAS: 95-14-7

RTECS: DM1225000

Fraction By Weight: >1%

WATER

CAS: 7732-18-5

RTECS: ZC0110000

Fraction By Weight: 35-40%

Hazards

Routes of Entry: Inhalation:NO Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:YES OSHA:NO
Health Hazards Acute and Chronic:PRODUCT MAY CAUSE EYE, SKIN &
RESPIRATORY TRACT IRRITATION. IT IS CONSIDERED A LOW HAZARD FOR
NORMAL INDUSTRIAL HANDLING.
Explanation of Carcinogenicity:IARC REPORTS HYDROQUINONE 'INSUFFICIENT
EVIDENCE TO CLASSIFY
Effects of Overexposure:EYE:CAUSES IRRITATION SKIN:CAUSES IRRITATION,
AND MAY SENSITIZE AN ALLERGIC REACTION. INHALED:UNLIKELY
EXPOSURE,MAY CAUSE IRRITATION. INGESTED:MAY BE HARMFUL IF
SWALLOWED. HMIS:MAY CAUSE G/I IRRITA
TION,NAUSEA,VOMITING,PALLOR,TINNITIS,DIZZINESS, OR INCREASED
RESPIRATORY RATE.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

First Aid

First Aid:EYE:FLUSH WITH WATER 15 MIN. SKIN:REMOVE CONTAMINATED
CLOTHING AND LAUNDER BEFORE REUSE. WASH SKIN WITH SOAP AND WATER.
INHALED: REMOVE TO FRESH AIR. INGESTED:IF CONSCIOUS,GIVE 1-2
GLASSES OF WATE R AND IMMEDIATELY INDUCE VOMITING. (NOTHING BY
MOUTH IF UNCONSCIOUS.) GET IMMEDIATE MEDICAL CARE. IF ANY
IRRITATION PERSISTS OR IS SEVERE, GET MEDICAL CARE.

Fire Fighting

Flash Point Method:PMCC
Flash Point:Extinguishing Media:USE MEDIA SUITABLE FOR SURROUNDING FIRE.
Fire Fighting Procedures:FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA &
FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER
SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.
Unusual Fire/Explosion Hazard:FIRE OR EXCESSIVE HEAT MAY CAUSE
PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS.

Accidental Release

Spill Release Procedures:RECOVER AS LIQUID OR MOP UP WITH
CLOTH,PAPER,ETC.
Neutralizing Agent:NONE

Handling

Handling and Storage Precautions:STORE IN A COOL,DRY,WELL VENTILATED
AREA. KEEP TIGHTLY CLOSED WHEN NOT IN USE. KEEP AWAY FROM STRONG
ACIDS AND OXIDIZERS.
Other Precautions:KEEP OUT OF REACH OF CHILDREN.

Exposure Controls

Respiratory Protection:NONE NORMALLY REQUIRED. USE NIOSH/MSHA APPROVED
RESPIRATOR IF PEL/TLV IS EXCEEDED.
Ventilation:NORMAL ROOM VENTILATION IS SUFFICIENT.



Protective Gloves: RUBBER, VINYL, OTHER IMPERVIOUS
Eye Protection: SAFETY GLASSES OR SPLASH GOGGLES
Other Protective Equipment: USE FACE SHIELD WHEN POURING LIQUIDS OR IF SPLASHING IS LIKELY.
Work Hygienic Practices: USE GOOD CHEMICAL HYGIENE PRACTICE. AVOID UNNECESSARY CONTACT.
Supplemental Safety and Health
NOTE: DEVELOPER REPLENISHER & DEVELOPER STARTER USE SAME INGREDIENTS IN SLIGHTLY DIFFERENT QUANTITIES. ILFORD STOCK NUMBERS OD8381100 (MSD DATE 28OCT88) TO MAKE 3.5 GALLON, AND OD8381200 (MSD DATE 24OCT88) TO MAKE 10 GALLON. COD VALUE PART B = 1190 GM OXYGEN/L. ALSO SEE ADD.DATA.

Chemical Properties

HCC: N1
Boiling Pt: B.P. Text: Spec Gravity: 1.044
pH: Evaporation Rate & Reference: AS WATER
Solubility in Water: COMPLETE
Appearance and Odor: CLEAR LIGHT YELLOW TO COLORLESS LIQUID, SWEET ODOR
Percent Volatiles by Volume: 95

Stability

Stability Indicator/Materials to Avoid: YES
NONE REPORTED
Stability Condition to Avoid: NONE REPORTED
Hazardous Decomposition Products: CARBON DIOXIDE, CARBON MONOXIDE, NITROGEN OXIDES

Disposal

Waste Disposal Methods: DISPOSE I/A/W FEDERAL, STATE, LOCAL REGULATIONS. MFR SUGGESTS FLUSH TO ACID-FREE SEWER.

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