

ILFORD PHOTO CORP. -- ID 11 PLUS DEVELOPER -- 6750-01-153-8911

===== Product Identification =====

Product ID:ID 11 PLUS DEVELOPER

MSDS Date:09/16/1988

FSC:6750

NIIN:01-153-8911

Kit Part:Y

MSDS Number: BHHVS

=== Responsible Party ===

Company Name:ILFORD PHOTO CORP.

Address:W.70 CENTURY ROAD

Box:288

City:PARAMUS

State:NJ

ZIP:07653

Country:US

Info Phone Num:201-265-6000

Emergency Phone Num:800-888-83

72

CAGE:64145

=== Contractor Identification ===

Company Name:ILFORD PHOTO CORP

Address:W 70 CENTURY RD

Box:City:PARAMUS

State:NJ

ZIP:07653

Country:US

Phone:201-265-6000

CAGE:64145

===== Composition/Information on Ingredients =====

Ingred Name:HYDROQUINONE (SARA III)

CAS:123-31-9

RTECS #:MX3500000

Fraction by Wt: 70-75%

OSHA PEL:2 MG/M3

ACGIH TLV:2 MG/M3; 9192

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:P-METHYLAMINOPHENOL SULFATE (METOL)

CAS:55-55-1

RTECS #:SL8650000

Frac

tion by Wt: 25-30%

Ingred Name:CINNAMIC ACID DISULFIDE

CAS:63684-32-2

Fraction by Wt: 1-5%

===== Hazards Identification =====

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 IRRITATION,NAUSEA,VOMITING,PALLOR,TINNITIS,DIZZINESS, OR INCREASED RESPIRATORY RATE.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

===== First Aid Measures =====

Firs

t 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 Measures =====

Flash Point:POWDER

Extinguishing Media:USE CAR

BON DIOXIDE, FOAM, DRY CHEMICAL, OR WATER FOG.

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 Measures =====

Spill Release Procedures:SWEEP UP POWDER USING CARE NOT TO CAUSE DUST

OR MOP UP LIQUID WITH CLOTH, PAPER, ETC.

Neutralizing Agent:NONE

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED AREA. KEEP AWAY FROM STRONG ACIDS.

Other Precautions:READ LABEL AND FOLLOW INSTRUCTIONS.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NONE NORMALLY REQUIRED. USE NIOSH/MSHA APPROVED RESPIRATOR DURING MIXING OF DEVELOPER SOLUTION IF LOCAL EXHAUST IS

INSUFFICIENT TO CONTROL DUST.

Ventilation:NORMAL ROOM VENTILATION IS SUFFICIENT. SUPPLEMENT WITH LOCAL EXHAUST WHEN MIXING DEVELOPER SOLUTION.

Protective Gloves:RUBBER, VINYL, OTHER IMPERVIOUS

Eye Protection:SAFETY GLASSES OR SPLASH GOGGLES

Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER. USE APRON AND FACE SHIELD WHEN MIXING DEVELOPER OR IF SPLASHING IS LIKELY.

Work Hygienic Practices:USE GOOD CHEMICAL HYGIENE PRACTICE. AVOID UNNECESSARY CONTACT. AVOID PROLONGED AND/OR REPEATED CONTACT.

Supplemental Safety and Health

ILFORD STOCK NUMBER IS MC9110044. MSDS ALSO COVERS STOCK NUMBER MC9110039 (MSDS DATE 14SEP88) TO MAKE 1 QUART. ALSO SEE ADD.DATA.

===== Physical/Chemical Properties =====

HCC:N1

Spec Gravity:>1.0

Solubility in Water:COMPLETE

Appearance and Odor:LIGHT TAN TO WHITE POWDER, NO ODOR * PH WORKING SOLUTION IS 9.6

Percent Volatiles by Volume:0

===== Stability and Reactivity Data =====

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Stability Indicator/Materials to Avoid:YES

MINERAL ACIDS

Stability Condition to Avoid:NO INFORMATION GIVEN BY MANUFACTURER

Hazardous Decomposition Products:CARBON DIOXIDE, CARBON MONOXIDE, SULFUR DIOXIDE, NITROGEN OXIDES

===== Disposal Considerations =====

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

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