

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:800-888-8

372

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

Fra

ction 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 'INSU  
FFICIENT

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 Measures =====

Fir

st Aid:EYE:FLUSH WITH WATER 15 MIN. SKIN:REMOVE CONTAMINATED  
CLOTHING AND LAUNDRER 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 CA

RBON 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 =====

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.

Disclaimer (provided with this information by the compiling ag

encies):

This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.