

5/16/85

MATERIAL SAFETY DATA SHEET FOR
UG8253000 - P 30 CHEMISTRY KIT

5 LT

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(1R)-----
SECTION I - IDENTIFICATION

PRODUCT NAME - P30 CHEMISTRY KIT DEVELOPER PART B
SIZE - 5 LT
FORMULA - AQUEOUS MIXTURE
MANUFACTURER - ILFORD, INC. - W. 70 CENTURY ROAD - PARAMUS, NJ 07653
FOR INFORMATION ON HEALTH HAZARDS - 914-478-3131 (PRODUCT MISUSE)
FOR OTHER INFORMATION - 201-265-6000 INFORMATION ISSUANCE DATE - 6/20/84

SECTION II - PRODUCT COMPOSITION AND HAZARD DATA

PRINCIPAL INGREDIENT(S)	% WGT OR VOL	TOXIC LEVEL (TLV)
HOXYDIGLYCOL	60%	
DROQUINONE	8%	
METHYL-1-PHENY-3-PYRAZOLIDONE	>2%	
CFTIC ACID	>1%	
TER	>30%	

HAZARDOUS INGREDIENT(S)

SECTION III - PHYSICAL DATA

MELTING POINT(C)	- > 212 F	VAPOR PRESSURE	- NOT KNOWN	MMHG
SPECIFIC GRAVITY(H ₂ O=1)	- 1.014	VAPOR DENSITY(AIR=1)	- NOT KNOWN	
SOLUBILITY IN WATER	- COMPLETE	EVAPORATION RATE	- SLOW	
BOILING POINT	- NOT APPL.	VOLATILE	- 90 %VOL	%WT
APPEARANCE AND ODOR	- YELLOW LIQUID WITH SLIGHT ALCOHOL ODOR.			

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT/METHOD USED - NOT FLAMMABLE
FLAMMABLE LIMITS: UPPER - NOT APPL. LOWER - NOT APPL.
EXTINGUISHING MEDIA - USE MEDIA PROPER TO PRIMARY SOURCE OF FIRE.
SPECIAL FIRE FIGHTING PROCEDURES - NOT APPLICABLE
USUAL FIRE AND EXPLOSION HAZARDS - NOT APPLICABLE

SECTION V - HEALTH HAZARD DATA

TOXIC LEVEL - HYDROQUINONE-2 MG/M3 TWA - 4 MG/M3 STEL.
EFFECTS OF OVER EXPOSURE
ACUTE - HARMFUL IF PLACED IN CONTACT WITH SKIN, EYES, CLOTHING OR IF SWALLOWED. INGESTION MAY INDUCE TINNITIS, NAUSEA, VOMITING, HEADACHE.
CHRONIC - MAY CAUSE BOTH IRREVERSIBLE OR REVERSIBLE CHANGES BUT NOT DEATH.
EMERGENCY/FIRST AID PROCEDURES - IF SWALLOWED: INDUCE VOMITING. IN CASE OF SKIN CONTACT: FLUSH THOROUGHLY WITH WATER. IN CASE OF EYE CONTACT: FLUSH THOROUGHLY WITH WATER FOR AT LEAST 15 MINUTES. CALL A PHYSICIAN.

SECTION VI - REACTIVITY DATA

ABILITY: UNSTABLE- STABLE- X
CONDITIONS TO AVOID -
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR- X WILL OCCUR-
CONDITIONS TO AVOID -
COMPATIBILITY -
HAZARDOUS DECOMPOSITION PRODUCTS -

SECTION VII - SPILL, LEAK AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN IN CASE OF RELEASE OR SPILL - FLUSH WITH LARGE AMOUNTS OF
WATER TO SANITARY SEWER, IF PRACTICE IS IN COMPLIANCE WITH LOCAL, STATE
AND FEDERAL HEALTH AND ENVIRONMENTAL REGULATIONS.

SUGGESTED DISPOSAL METHOD - AFTER USE, COMBINE PROCESSING SOLUTIONS TO NEUTRALIZE
AND RUN TO SEWER WITH PROCESSING WATER.

SECTION VIII - SPECIAL PROTECTIVE INFORMATION

VENTILATION: LOCAL EXHAUST - USE WITH HIGH VAPOR CONCENTRATIONS.
MECHANICAL - YES
PROTECTIVE GLOVES - RUBBER EYE PROTECTION - GOGGLES
RESPIRATORY PROTECTION - OTHER -

SECTION IX - SPECIAL PRECAUTIONS

HANDLING AND STORAGE - AVOID REPEATED OR PROLONGED CONTACT WITH SKIN,
EYES OR CLOTHING. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER
HANDLING. AVOID INHALATION OF VAPORS OR MISTS. STORE AT ROOM TEMPERATURE.
STABILITY - THE CONCENTRATED STOCK SOLUTIONS WILL KEEP FOR SEVERAL MONTHS IN THE
TIGHTLY SEALED GLASS OR POLYETHYLENE BOTTLES.

SECTION X - ADDITIONAL INFORMATION

RECOMMENDED METHOD OF USE - REFER TO INSTRUCTION LEAFLET PACKAGED WITH PRODUCT.

ESSENTIAL LABELING - CAUTION: HARMFUL IF IN CONTACT WITH SKIN, EYES, CLOTHING
OR IF SWALLOWED. IF SWALLOWED, INDUCE VOMITING. CALL A PHYSICIAN. SKIN & EYES
FLUSH WITH WATER FOR 15 MINUTES. KEEP OUT OF REACH OF CHILDREN.
LOGICAL DATA - COD:
R005:

MARKS -

SECTION XI - REQUIREMENTS FOR TRANSPORTATION

PACKAGING DESCRIPTION - 12 EA. 5 LITER KITS PER MASTER SHIPPING CARTON.

DOT HAZARD CLASSIFICATION - NONE

LABEL REQUIRED - NONE

DOT SHIPPING NAME - CHEMICALS - NOI

SHIPPING RESTRICTIONS - NONE

HAZARDOUS COMPONENT - PERCENT -

TYPE & SIZE OF PACKAGING CONTAINING HAZARDOUS COMPONENT -

DOTL. AIR CLASSIFICATION - CHEMICALS - NOI

DOMESTIC AIR CLASSIFICATION - CHEMICALS - NOI

LABEL REQUIRED - NONE

SHIPPING RESTRICTIONS - NONE

TO OBTAIN ADDITIONAL DATA ON PACKAGING FOR SHIPMENT REFER
TO THE CODE OF FEDERAL REGULATIONS - TITLE 49 OR ANY
SUBSEQUENT UPDATING OF THIS DOCUMENT AND/OR YOUR CARRIER.

MANUFACTURER'S STATEMENT -

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THE HEALTH AND SAFETY OF EMPLOYEES AND CUSTOMERS.