

5/16/85

MATERIAL SAFETY DATA SHEET FOR
DG8253000 - P 30 CHEMISTRY KIT

5 LT

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(1A)-----
SECTION I - IDENTIFICATION

PRODUCT NAME - P30 CHEMISTRY KIT DEVELOPER PART A
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)
SODIUM SULFITE	< 18%	
POTASSIUM CARBONATE	< 12%	
POTASSIUM SULFITE; POTASSIUM BICARBONATE	< 6%; < 4%	
POTASSIUM IODIDE	< 2%	
SODIUM THIOSULFATE; WATER	< 1%; 55%	

HAZARDOUS INGREDIENT(S)

SECTION III - PHYSICAL DATA

MELTING POINT (C)	- > 212 F	VAPOR PRESSURE	- NOT KNOWN	MMHG
SPECIFIC GRAVITY (H ₂ O=1)	- 1.296	VAPOR DENSITY (AIR=1)	- NOT KNOWN	
SOLUBILITY IN WATER	- COMPLETE	EVAPORATION RATE	- SLOW	
BOILING POINT	- NOT APPL.	VOLATILE	- 60 %VOL	%WT

APPEARANCE AND ODOR - CLEAR LIQUID; WITH NO OBVIOUS ODOR. PH 9-10.

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 -
EFFECTS OF OVER EXPOSURE
ACUTE - MAY CAUSE SKIN OR EYE IRRITATION. MAY BE HARMFUL IF SWALLOWED.
CHRONIC -

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 -
DANGEROUS POLYMERIZATION: WILL NOT OCCUR- X WILL OCCUR-
CONDITIONS TO AVOID -
COMPATIBILITY - NONE
DANGEROUS DECOMPOSITION PRODUCTS - NONE

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.
OTHER - ALL CIRACHROME CHEMICALS SHOULD BE STORED AT ROOM TEMPERATURE IN WELL-
PAILED GLASS OR POLYETHYLENE BOTTLES. WILL KEEP FOR SEVERAL MONTHS.

SECTION X - ADDITIONAL INFORMATION

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

ADDITIONAL LABELING - CAUTION: CHEMICALS IN THIS CONTAINER MAY BE HARMFUL IF
PLACED IN CONTACT WITH SKIN, EYES, CLOTHING OR IF SWALLOWED. KEEP OUT OF
REACH OF CHILDREN.

PHYSICAL DATA - COD:
BOD5:

REMARKS -

SECTION XI - REQUIREMENTS FOR TRANSPORTATION

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

HAZARD CLASSIFICATION - NONE

REL. REQUIRED - NONE

SHIPPER'S SHIPPING NAME - CHEMICALS - NOI

SHIPPING RESTRICTIONS - NONE

HAZARDOUS COMPONENT - PERCENT -

TYPE & SIZE OF PACKAGING CONTAINING HAZARDOUS COMPONENT -

TL. AIR CLASSIFICATION - CHEMICALS - NOI

TESTIC AIR CLASSIFICATION - CHEMICALS - NOI

REL. 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.