

5/16/85

MATERIAL SAFETY DATA SHEET FOR  
UGH253000 - P 30 CHEMISTRY KIT

5 LT

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(2R)-----  
SECTION I - IDENTIFICATION

PRODUCT NAME - P30 CHEMISTRY KIT BLEACH 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

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SECTION II - PRODUCT COMPOSITION AND HAZARD DATA

PRINCIPAL INGREDIENT(S)	% WGT OR VOL	TOXIC LEVEL (TLV)
THOXYDIGLYCOL	64%	
DINOXALINE ADDUCTS	< 3%	
-TOLUENE SULFONIC ACID	< 2%	
WATER	< 33%	

HAZARDOUS INGREDIENT(S)  
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## SECTION III - PHYSICAL DATA

BOILING POINT(C)	- > 212 F	VAPOR PRESSURE	- NOT KNOWN	MMHG
SPECIFIC GRAVITY(H <sub>2</sub> O=1)	- 0.98	VAPOR DENSITY(AIR=1)	- NOT KNOWN	
SOLUBILITY IN WATER	- COMPLETE	EVAPORATION RATE	- SLOW	
MELTING POINT	- NOT APPL.	VOLATILE	- 95 %VOL	%WT
APPEARANCE AND ODOR	- AMBER LIQUID WITH ACETIC ACID ODOR.			

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SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT/METHOD USED - NOT KNOWN.  
FLAMMABLE LIMITS: UPPER - LOWER -  
EXTINGUISHING MEDIA - USE MEDIA PROPER TO PRIMARY SOURCE OF FIRE.  
SPECIAL FIRE FIGHTING PROCEDURES - NONE  
USUAL FIRE AND EXPLOSION HAZARDS - WILL SUPPORT COMBUSTION.

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SECTION V - HEALTH HAZARD DATA

## TOXIC LEVEL -

## EFFECTS OF OVER EXPOSURE

ACUTE - MAY CAUSE SKIN OR EYE IRRITATION. MAY BE HARMFUL IF SWALLOWED, ABSORBED OR INHALED. RHINITIS, HEADACHE, IRRITATION OF MUCOUS MEMBRANES.

CHRONIC - INGESTION MAY LEAD TO VOMITING, COLLAPSE, COMA. INHALATION MAY PRODUCE CONGESTION AND EDEMA OF THE LUNGS.

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. IF INHALED, REMOVE TO FRESH AIR.

  
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SECTION VI - REACTIVITY DATA

ABILITY: UNSTABLE- STABLE- X

CONDITIONS TO AVOID - SULFUR DIOXIDE FROM BL & DEV CONTACTING EACH OTHER.\*

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR- X WILL OCCUR-

CONDITIONS TO AVOID - \* CAUSES MUCOUS MEMBRANE IRRITATION, COUGHING,

COMPATIBILITY - HOARSENESS, SNEEZING, LACRIMATION & DYSPNEA.

HAZARDOUS DECOMPOSITION PRODUCTS -

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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.

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SECTION VIII - SPECIAL PROTECTIVE INFORMATION

VENTILATION: LOCAL EXHAUST - USE WITH HIGH VAPOR CONCENTRATIONS.

MECHANICAL - YES

PROTECTIVE GLOVES - RUBBER

EYE PROTECTION - GOGGLES

RESPIRATORY PROTECTION -

OTHER -

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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. KEEP CONTAINER CLOSED. KEEP AWAY FROM HEAT AND/OR FLAME.

STORAGE - STORE AT ROOM TEMPERATURE IN WELL SEALED GLASS/POLYETHYLENE BOTTLES. CONCENTRATED STOCK SOLUTIONS KEEP FOR SEVERAL MOS. IN TIGHTLY SEALED BOTTLES.

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SECTION X - ADDITIONAL INFORMATION

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

ADDITIONAL LABELING - CONTAINS: ETHOXYDIGLYCOL. HARMFUL IF IN CONTACT WITH SKIN, EYES, CLOTHING OR IF SWALLOWED. FLUSH SKIN OR EYES WITH WATER 15 MINS. IF SWALLOWED, INDUCE VOMITING. CALL PHYSICIAN. KEEP OUT OF REACH OF CHILDREN.

ADDITIONAL DATA - COD:

R005:

REMARKS -

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SECTION XI - REQUIREMENTS FOR TRANSPORTATION

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

HAZARD CLASSIFICATION - NONE

HAZARD LABEL REQUIRED - NONE

SHIPPER'S SHIPPING NAME - CHEMICALS - NOI

SHIPPING RESTRICTIONS - NONE

HAZARDOUS COMPONENT - PERCENT -

TYPE & SIZE OF PACKAGING CONTAINING HAZARDOUS COMPONENT -

DOT HAZARD CLASSIFICATION - CHEMICALS - NOI

DOT HAZARD CLASSIFICATION - CHEMICALS - NOI

HAZARD 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.

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