

MATERIAL SAFETY DATA SHEET

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SECTION 1 PRODUCT INFORMATION

BRAND NAME: CRYSTAL POND DATE WRITTEN: 1-4-95
PRODUCT NAME: PH TEST KIT
CHEMICAL NAME: 0.1 % BROMOTHYMOL BLUE SOLUTION
CAS NUMBER: 76-59-5
NFPA (704) RATING: HEALTH 0 FLAMMABILITY 1 REACTIVITY 0 SPECIAL 0

SECTION II HAZARDOUS INGREDIENTS/SARA III INFORMATION

HAZARDOUS COMPONENTS:	OTHER LIMITS			
	NAME	CAS NUMBER	OSHA PEL	ACGIH TLV

(NONE)

SECTION III PHYSICAL/CHEMICAL CHARACTERISTIC

SPECIFIC GRAVITY (WATER=1): 0.99 TO 1.0 PH: 6.0 - 6.5
SOLUBILITY IN WATER: COMPLETE FREEZE POINT: 30 F
BOILING POINT: 212 F BIODEGRADABILITY: 100 %
EVAPORATION RATE: SLOWER THAN BUTYL ACETATE
APPEARANCE AND ODOR : MEDIUM GREEN TO GOLD COLOR NO ODOR

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): NOT COMBUSTIBLE FLAMMABLE LIMITS: NEGLIGIBLE FIRE HAZARD
EXTINGUISHING MEDIA: WATER AND/OR CARBON DIOXIDE
SPECIAL FIRE FIGHTING PROCEDURES: NONE KNOWN
UNUSUAL FIRE AND EXPLOSION HAZARD: NONE KNOWN

SECTION V REACTIVITY DATA

STABILITY: STABLE CONDITIONS TO AVOID: EXCESS HEAT, COLD, LIGHT
INCOMPATIBILITY (MATERIALS TO AVOID): NONE KNOWN
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: NONE KNOWN
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
CONDITIONS TO AVOID: NONE KNOWN

PRODUCT NAME: PH TEST KIT

SECTION VI HEALTH HAZARD DATA

ROUTE(S) OF ENTRY: INHALATION? NO SKIN? YES INGESTION? YES EYES? YES

HEALTH HAZARDS (ACUTE AND CHRONIC): EXPOSURE TO LARGE QUANTITIES MAY CAUSE SKIN IRRITATION.
INGESTING LARGE AMOUNTS MAY CAUSE IRRITATION OR BURNS.

CARCINOGENICITY: NTP? N/A IARC MONOGRAPHS? N/A OSHA REGULATED? N/A

SIGNS AND SYMPTOMS OF EXPOSURE: INGESTION : MAY BE IRRITATING

SKIN: MAY BE IRRITATING AND WILL STAIN (WATER SOLUBLE)

EYES: MAY BE IRRITATING

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NONE KNOWN

EMERGENCY AND FIRST AID PROCEDURES:

FLUSH SKIN WITH LARGE AMOUNTS OF WATER

FLUSH EYES WITH WATER FOR SEVERAL MINUTES, CALL PHYSICIAN

IF SWALLOWED GIVE PLENTY OF WATER (IF CONSCIOUS), CALL PHYSICIAN

SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: CONTAIN SPILL BY SOAKING UP IN INERT
ABSORBENT MATERIAL. DISPOSE OF MATERIAL PER LOCAL, STATE, AND FEDERAL REGULATIONS.

WASTE DISPOSAL METHOD: SMALL QUANTITIES MAY BE DILUTED WITH LARGE QUANTITIES OF WATER AND
FLUSHED TO SANITARY SEWER. LARGE QUANTITIES SOAK IN ABSORBENT MATERIAL AS DISPOSE IN LOCAL
LAND FILL PER LOCAL, STATE, AND FEDERAL REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: KEEP AWAY FROM DIRECT LIGHT (KEEP IN
CONTAINER). STORE IN COOL DRY PLACE.

OTHER PRECAUTIONS: NONE KNOWN

SECTION VIII CONTROL MEASURES

RESPIRATORY PRECAUTION (SPECIFY TYPE): NONE KNOWN

VENTILATION: LOCAL EXHAUST: NOT REQUIRED

SPECIAL: NONE KNOWN

MECHANICAL: NOT REQUIRED

SPECIAL: NONE KNOWN

PROTECTIVE GLOVES: NOT REQUIRED

EYE PROTECTION: NOT REQUIRED

OTHER PROTECTIVE CLOTHING OR EQUIPMENT : NONE KNOWN

WORK/HYGIENIC PRACTICES : WASH HANDS WITH SOAP AND WATER AFTER USE

ENVIRONMENTAL EVALUATION

EPA SUPERFUND (SARA TITLE III) - HAZARD CLASSIFICATION & ASSOCIATED INFORMATION : NOT HAZARDOUS

EPA CERCLA/SUPERFUND, 40 CFR 302 (REPORTABLE SPILL QUANTITY) : NOT LISTED

EPA SARA TITLE III, CFR 355 (EXTREMELY HAZARDOUS SUBSTANCES) : NOT LISTED

EPA SARA TITLE III, 40 CFR 372 (LIST OF TOXIC CHEMICALS) ; NOT LISTED

CHEMICALS LISTED ON FOLLOWING CHEMICAL INVENTORIES :

TSCA: NOT LISTED

EPA - RCRA (HAZARDOUS WASTE), 40 CFR 261 : NOT LISTED

CALIFORNIA PROPOSITION 65: N/A

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