

B E C K M A N

MATERIAL SAFETY DATA SHEET

PRODUCT: PH 4 BUFFER SOLUTION

PART NO: 582517, 566001, 582511, 566002, 582822, 139347.

SECTION I - GENERAL

MANUFACTURER: BECKMAN INSTRUMENTS, INC.

TELEPHONE NO.: (714)773-8061

ADDRESS: 2500 HARBOR BLVD., FULLERTON, CA 92634

CHEMICAL NAME AND SYNONYMS: N/A

TRADE NAME AND SYNONYMS: PH 4 BUFFER SOLUTION

CHEMICAL FAMILY: AQUEOUS SALT SOLUTION

FORMULA: SEE BELOW

SECTION II - HAZARDOUS INGREDIENTS

NOT CONSIDERED HAZARDOUS

POTASSIUM DIHYDROGEN PHOSPHATE (CAS 877-24-7)	<1%
WATER	99%
RED FOOD COLORING (CP/N 582511 IS COLORLESS)	TRACE

SECTION III - PHYSICAL DATA

BOILING POINT (DEG.C): 100C

VAPOR PRESSURE (MMHG): 24 @ 20C

VAPOR DENSITY (AIR=1): 0.5

SPECIFIC GRAVITY (H2O=1): 1

% VOLATILE BY VOLUME: 99

EVAPORATION RATE (H2O=1): 1

SOLUBILITY IN WATER: WATER SOLTN

APPEARANCE AND ODOR: RED OR COLORLESS CLEAR, ODORLESS SOLUTION.

OTHERS: NONE

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLAMMABLE LIMITS(%): LEL:N/A UEL:N/A

FLASH POINT (METHOD USED): NOT FLAMMABLE

EXTINGUISHING MEDIA: N/A

SPECIAL FIRE FIGHTING PROCEDURES: N/A

UNUSUAL FIRE & EXPLOSION HAZARDS: N/A

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: NOT DETERMINED

EFFECTS OF OVEREXPOSURE: NO HAZARD KNOWN, MAY BE SLIGHT EYE OR SKIN  
IRRITANT.

EMERGENCY & FIRST AID PROCEDURES: NOT CONSIDERED HAZARDOUS. WASH AFFECTED  
AREAS WITH WATER.

SECTION VI - REACTIVITY DATA

STABILITY: STABLE

INCOMPATIBILITY (MATERIALS TO AVOID): NONE

HAZARDOUS DECOMPOSITION PRODUCTS: NONE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION VII - SPILL OR LEAK PROCEDURE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: ABSORB AND DISCARD  
OR FLUSH INTO DRAIN.

WASTE DISPOSAL METHOD: AS SATISFACTORY FOR NONHAZARDOUS WATER SOLUTIONS.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:NONE REQUIRED

VENTILATION:NO SPECIAL REQUIREMENT

PROTECTIVE GLOVES: N/A

EYE PROTECTION: SAFETY GLASSES SUGGESTED

OTHER PROTECTIVE EQUIPMENT: NONE

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: NO SPECIAL PRECAUTIONS

OTHER PRECAUTIONS: NONE

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