MATERIAL SAFETY DATA SHEET

PRODUCT: HEMOCULT® DEVELOPER
PRODUCT NO.: 60000 Series

SECTION I - GENERAL

MANUFACTURER: SmithKline Diagnostics, Inc. (SKD)
TELEPHONE NO.: (408) 435-2660 OR (800) 877-6242
ADDRESS: 225 BAYPOINTE PARKWAY, SAN JOSE, CA 95134-1622

CHEMICAL NAME AND SYNONYMS: N/A
TRADE NAME AND SYNONYMS: HEMOCULT® DEVELOPER
CHEMICAL FAMILY: ALCOHOLIC SOLUTION
FORMULA: MIXTURE

SECTION II - HAZARDOUS INGREDIENTS

DENATURED ETHYL ALCOHOL (CAS# 64-17-5): 75%
METHANOL (DENATURANT) (CAS# 67-56-1): 7.5%
HYDROGEN PEROXIDE (CAS# 772-84-1): 4.5%

SECTION III - PHYSICAL DATA

BOILING POINT (DEG.C): 80C APPROX.
VAPOR PRESSURE (mmHg): APPROX 40MM AT 0 19C
VAPOR DENSITY (AIR=1): 1.6
SPECIFIC GRAVITY (H2O=1): 0.8
% VOLATILE BY VOLUME: > 95
EVAPORATION RATE (H2O=1): >1
SOLUBILITY IN WATER: SOLUBLE
APPEARANCE AND ODOR: CLEAR, COLORLESS LIQUID, PUNGENT ALCOHOLIC ODOR
OTHERS: NONE

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FOR ETHANOL

FLAMMABLE LIMITS(%): LEL:3.3% UEL:19%

FLASH POINT (METHOD USED): 11C (CC)
EXTINGUISHING MEDIA: CO2, DRY CHEMICAL, ALCOHOL FOAM
SPECIAL FIRE FIGHTING PROCEDURES: WEAR SELF-CONTAINED BREATHING APPARATUS
UNUSUAL FIRE & EXPLOSION HAZARDS: VAPOR HEAVIER THAN AIR
SECTION V - HEALTH HAZARD DATA

PERMISSIBLE EXPOSURE LEVEL (PPM):

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<tr>
<th></th>
<th>ET0H</th>
<th>ME0H</th>
<th>H2O2</th>
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<tbody>
<tr>
<td>Threshold Limit Value (PPM):</td>
<td>1000</td>
<td>200</td>
<td>1</td>
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IARC Listed:

|          | NO   | NO   | NO   |

NTP Listed:

|          | NO   | NO   | NO   |

PRIMARY ROUTES OF ENTRY: INHALATION, ABSORPTION THROUGH SKIN
EFFECTS OF OVEREXPOSURE: MILD INEBRIATION, NAUSEA, VOMITING, IMPAIRED VISUAL PERCEPTION
EMERGENCY & FIRST AID PROCEDURES: EYE OR SKIN CONTACT - FLUSH WITH WATER. INGESTION - ADMINISTER WATER, SEEK MEDICAL ATTENTION

SECTION VI - REACTIVITY DATA

STABILITY: STABLE
INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZERS
HAZARDOUS DECOMPOSITION PRODUCTS: OXIDES OF CARBON
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION VII - SPILL OR LEAK PROCEDURE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: ABSORB ON INERT MATERIAL AND/OR FLUSH WITH WATER.
WASTE DISPOSAL METHOD: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: NOT REQUIRED
VENTILATION: USE IN A WELL VENTILATED AREA
PROTECTIVE GLOVES: NOT REQUIRED
EYE PROTECTION: SAFETY GLASSES REQUIRED
OTHER PROTECTIVE EQUIPMENT: NONE

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: STORE AWAY FROM HEAT OR SOURCES OF IGNITION
OTHER PRECAUTIONS: NONE

DATE OF LAST REVISION: JUNE 8, 1988
MSDS001

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