

# SmithKline Diagnostics, Inc.

A SMITHKLINE BECKMAN COMPANY

## MATERIAL SAFETY DATA SHEET

PRODUCT: HEMOCULT® DEVELOPER  
PRODUCT NO.: 60000 Series

U2315-1, -10,  
10WC, -11, -20,  
-21, -30, -31,  
-32

### 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 @ 19C  
VAPOR DENSITY (AIR=1): 1.6  
SPECIFIC GRAVITY (H<sub>2</sub>O=1): 0.8  
% VOLATILE BY VOLUME: > 95  
EVAPORATION RATE (H<sub>2</sub>O=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: CO<sub>2</sub>, DRY CHEMICAL, ALCOHOL FOAM  
SPECIAL FIRE FIGHTING PROCEDURES: WEAR SELF-CONTAINED  
BREATHING APPARATUS  
UNUSUAL FIRE & EXPLOSION HAZARDS: VAPOR HEAVIER THAN AIR

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SECTION V - HEALTH HAZARD DATA

	ETOH	MEOH	H <sub>2</sub> O <sub>2</sub>
PERMISSIBLE EXPOSURE LEVEL (PPM):	1000	200	1
THRESHOLD LIMIT VALUE (PPM):	1000	200	1
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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