MATERIAL SAFETY DATA SHEET BW110-1

IMMUNOSCAN (TM)
STAPH LATEX TEST KIT

BAXTER HEALTHCARE CORPORATION
1450 WAUKEGAN ROAD
MCGAW PARK, ILLINOIS 60085-6786
INFORMATION AND EMERGENCY
TELEPHONE NUMBER:
1-800-624-5429

DATE PREPARED: 06/01/94

THE STATEMENTS CONTAINED HEREIN ARE OFFERED FOR INFORMATIONAL PURPOSES ONLY AND ARE INTENDED TO BE FOLLOWED ONLY BY PERSONS HAVING RELATED TECHNICAL SKILLS AND AT THEIR OWN RISK. SINCE CONDITIONS AND MANNER OF USE ARE OUTSIDE OUR CONTROL, WE MAKE NO WARRANTIES, EXPRESSED OR IMPLIED, AND ASSUME NO LIABILITY IN CONNECTION WITH ANY USE OF THIS INFORMATION.

SECTION I IDENTITY

PRODUCT CLASS: DIAGNOSTIC TEST KIT.
PRODUCT CODE: B1045-1A (120 TESTS).

DESCRIPTION: RAPID SLIDE LATEX AGGLUTINATION TEST TO DETECT PROTEIN A AND/OR CLUMPING FACTOR COMMONLY USED AS AN AID IN THE IDENTIFICATION OF STAPHYLOCOCCUS AUREUS FROM MEDIA.

COMPONENTS: 1-(3-DIMETHYLAMINOPROPYL)-3-ETHYL-CARBODIMIDE HYDROCHLORIDE (EDAC), SODIUM PHOSPHATE BUFFER, 10% CARBOXYLATED LATEX, BORATE BUFFER, ETHANOLMINE BOVINE SERUM ALBUMIN, SODIUM AZIDE, DEXTRAN, HUMAN ALBUMIN.

HAZARDOUS INGREDIENTS: 1. HUMAN SOURCE MATERIAL (CONTAINED IN LATEX REAGENT). 2. SODIUM AZIDE (AS A PRESERVATIVE IN LATEX REAGENT). CAS #: 26628-22-8 CONTENT: 0.1%.

SECTION II PHYSICAL/CHEMICAL CHARACTERISTICS

CHEMICAL CHARACTERISTICS: NOT APPLICABLE. THIS KIT CONTAINS BIOLOGICAL MATERIAL AND BUFFERS.

APPEARANCE: TEST KIT CONSISTING OF CARD SLIDES, WOOD APPLICATORS, AND ONE PLASTIC BOTTLE CONTAINING STAPH LATEX REAGENT (MURKY WHITE LIQUID).

SECTION III FIRE AND EXPLOSION HAZARD DATA

CONDITIONS: NO FIRE OR EXPLOSION HAZARDS. PACKAGING MATERIAL WILL BURN IN A FIRE.

EXTINGUISHING MEDIA: USE STANDARD FIRE FIGHTING PROCEDURES DEPENDING ON THE SOURCE OF THE SURROUNDING FIRE.

SECTION IV REACTIVITY DATA

INCOMPATIBILITIES: IF DISPOSED DOWN A DRAIN, THE SODIUM AZIDE IN THIS KIT MAY REACT WITH LEAD AND COPPER PLUMBING TO FORM HIGHLY EXPLOSIVE METAL AZIDES.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

CONDITIONS TO AVOID: NOT APPLICABLE.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: THIS PRODUCT IS STABLE. IF INVOLVED IN A FIRE, POISONOUS GAS MAY BE PRODUCED BY THE PACKAGING MATERIALS.

SECTION V TOXICOLOGY/HEALTH EFFECTS

WARNING - POTENTIAL BIOHAZARDOUS MATERIAL
SERUM USED IN THE PREPARATION OF THE REAGENT WAS TESTED BY AN FDA APPROVED METHOD FOR THE PRESENCE OF THE ANTIBODY TO HIV AS WELL AS FOR HEPATITIS B SURFACE ANTIGEN AND FOUND TO BE NEGATIVE. BECAUSE NO TEST METHOD CAN OFFER COMPLETE ASSURANCE THAT HIV, HEPATITIS B VIRUS OR OTHER INFECTIOUS AGENTS ARE ABSENT, THIS PRODUCT SHOULD BE HANDLED AT THE BIOSAFETY LEVEL 2 AS RECOMMENDED FOR ANY POTENTIALLY INFECTIOUS HUMAN SPECIMEN IN THE CENTERS FOR DISEASE CONTROL/NATIONAL INSTITUTES OF HEALTH MANUAL "BIOSAFETY IN MICROBIOLOGICAL AND BIOMEDICAL LABORATORIES".

SECTION VI FIRST AID

ROUTE OF ENTRY: ACCIDENTAL INGESTION IS POSSIBLE.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: AS WITH ALL BIOLOGICAL PRODUCTS, HYPERSENSITIVITY IS POSSIBLE. IF HYPERSENSITIVITY OCCURS, LIMIT EXPOSURE.

EMERGENCY AND FIRST AID PROCEDURES:
FOR INGESTION, SEEK IMMEDIATE MEDICAL ATTENTION
FOR EYE CONTACT, FLUSH WITH PLENTY OF WATER AND SEEK MEDICAL ATTENTION.
FOR SKIN CONTACT, WASH WITH SOAP AND WATER.

SECTION VII PRECAUTIONS FOR SAFE HANDLING

GENERAL: READ THE PACKAGE INSERT. ALWAYS FOLLOW GOOD LABORATORY PRACTICES WHEN USING THIS PRODUCT. HANDLE ALL CONTROLS AND TEST SPECIMENS AS IF CAPABLE OF TRANSMITTING DISEASE. EMPLOYEE EXPOSURE TO HUMAN SOURCE MATERIAL IS REGULATED UNDER THE CODE OF FEDERAL REGULATIONS 29 CFR 1910.1030.

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED: DECONTAMINATE SPILL WITH A BLEACH SOLUTION OR APPROPRIATE GERMICIDE PRIOR TO PICK UP. IF MATERIAL IS SPILLED DOWN DRAIN, FLUSH WITH LARGE VOLUME OF WATER TO PREVENT AZIDE BUILDUP IN COPPER OR LEAD PLUMBING. DECONTAMINATION PROCEDURES ARE AVAILABLE ON REQUEST.

WASTE DISPOSAL METHOD: PLACE MATERIAL IN A SEALED CONTAINER AND DISPOSE OF AS MEDICAL/INFECTIOUS WASTE IN ACCORDANCE WITH APPLICABLE ENVIRONMENTAL REGULATIONS.

SECTION VIII CONTROL MEASURES

PERSONAL PROTECTIVE EQUIPMENT: BARRIER GLOVES, EYE PROTECTION, AND LABORATORY COAT MAY BE REQUIRED AS LABORATORY CONDITIONS INDICATE.

VENTILATION: A BIOSAFETY CABINET, AS RECOMMENDED IN THE CDC/NIH MANUAL, MAY BE NECESSARY IF THERE IS A POSSIBILITY OF AEROSOLIZATION DURING HANDLING OF CONTROLS OR TEST SPECIMENS.