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## MATERIAL SAFETY DATA SHEET

### SECTION 1. IDENTIFICATION

CATALOG #  
CHA-WB12G - CHA-WB24G - CHA-WB96G  
NAME  
CHAGAS WB IgG 12 TESTS  
CHAGAS WB IgG 24 TESTS  
CHAGAS WB IgG 96 TESTS

### SECTION 2. COMPOSITION/INFORMATION ON INGREDIENT

HAZARDS IDENTIFIED WITH THIS PRODUCT ARE THOSE ASSOCIATED WITH THE FOLLOWING COMPONENTS.

INCLUDED IN SAMPLE BUFFER (R2), CONJUGATE G (R3), SUBSTRATE (R5), WASH CONCENTRATE (R6), POSITIVE CONTROL (R10).

NAME	PERCENT
NaN3 SODIUM AZIDE	<0.1%
TRITON X100	0.1%
INCLUDED IN POSITIVE CONTROL (R10)	
HUMAN SERUM	
INCLUDED IN CONJUGATE (R3)	
GOAT SERUM	<0.1%
INCLUDED IN SUBSTRATE (R5)	
NBT	<1.0%
BCIP	<1.0%

### SECTION 3. HAZARDS IDENTIFICATION

HAZARDS IDENTIFIED WITH THIS PRODUCT ARE THOSE ASSOCIATED WITH THE PRECEDENT COMPONENTS THAT ARE VERY DILUTED IN THE CORRESPONDING REAGENTS. FOR MORE INFORMATION, REFER TO THE MATERIAL SAFETY DATA SHEETS FOR THE LISTED ITEMS.

MOST OF THE REAGENTS CONTAIN SODIUM AZIDE AS PRESERVATIVE. NaN3 MAY FORM POTENTIALLY EXPLOSIVE METAL AZIDES WITH LEAD AND COPPER PLUMBING. FOR DISPOSAL, REAGENTS SHOULD BE FLUSHED AWAY WITH LARGE VOLUMES OF WATER TO PREVENT AZIDE BUILD UP.

SUBSTRATE CONTAINS NBT AND BCIP WHICH MAY BE TOXIC IF INHALED OR AFTER CONTACT WITH SKIN OR MUCOUS MEMBRANES.

A BIOLOGICAL HAZARD MAY BE ASSOCIATED WITH THE PRESENCE OF SERUM FROM ANIMAL ORIGINE IN THE CONJUGATE (R3) AND FROM HUMAN ORIGINE IN THE POSITIVE CONTROL (R10).

### SECTION 4. FIRST AID MEASURES

ALTHOUGH HAZARD COMPONENTS ARE VERY DILUTED (1.0% TO <0.1%) CONSIDER ALL REAGENTS AS POTENTIALLY TOXIC AND/OR INTECTIOUS.

ALL REAGENTS DERIVED FROM HUMAN ORIGIN HAVE BEEN TESTED AND FOUND NEGATIVE FOR ANTIBODIES TO HIV, HEPATITIS B SURFACE ANTIGEN AND HEPATITIS C ANTIBODIES. HOWEVER, SINCE NO TEST CAN PROVIDE COMPLETE ASSURANCE OF THE ABSENCE OF VIRUS, TREAT ALL CONTROLS AS POTENTIALLY INFECTIOUS.

IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE IMMEDIATELY. IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS. CALL A PHYSICIAN.

IF INHALED, REMOVE TO FRESH AIR. IF BREATHING BECOMES DIFFICULT, CALL A PHYSICIAN.  
IN CASE OF CONTACT, IMMEDIATELY WASH SKIN WITH SOAP AND COPIOUS AMOUNTS OF WATER.  
IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE.  
WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES AND EYE/FACE PROTECTION.

#### SECTION 5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA  
NONCOMBUSTIBLE.  
USE EXTINGUISHING MEDIA APPROPRIATE TO SURROUNDING FIRE CONDITIONS.  
SPECIAL FIREFIGHTING PROCEDURES  
WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.  
UNUSUAL FIRE AND EXPLOSIONS HAZARDS EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

#### SECTION 6. ACCIDENTAL RELEASE MEASURES

WEAR PROTECTIVE CLOTHING, DISPOSABLE LATEX GLOVES AND EYE PROTECTION.  
ABSORB ON DISPOSABLE ABSORBANT PAPER AND PLACE IN CLOSED CONTAINERS FOR DISPOSAL.  
WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.  
WASTE DISPOSAL METHOD  
BURN IN A BIOLOGICAL/CHEMICAL INCINERATOR EQUIPPED WITH AN AFTERBURNER AND SCRUBBER.  
OBSERVE ALL STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

#### SECTION 7. HANDLING AND STORAGE

REFER TO SECTION 8.

#### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

FOR IN VITRO USE ONLY.  
ALL REAGENTS DERIVED FROM HUMAN ORIGIN HAVE BEEN TESTED AND FOUND NEGATIVE FOR ANTIBODIES TO HIV, HEPATITIS B SURFACE ANTIGEN AND HEPATITIS C ANTIBODIES. HOWEVER, SINCE NO TEST CAN PROVIDE COMPLETE ASSURANCE OF THE ABSENCE OF VIRUS, TREAT ALL CONTROLS AS POTENTIALLY INFECTIOUS.  
DO NOT MOUTH PIPETTE REAGENTS AND AVOID CONTACT WITH SKIN.  
WEAR PROTECTIVE CLOTHING, DISPOSABLE LATEX GLOVES AND EYE PROTECTION WHILE HANDLING SPECIMENS AND PERFORMING THE TEST. WASH HANDS THOROUGHLY WHEN FINISHED.  
NEVER EAT, DRINK OR SMOKE AT THE LABORATORY WORKBENCH.  
MOST OF THE REAGENTS CONTAIN SODIUM AZIDE AS PRESERVATIVE.  $\text{Na}_3\text{N}$  MAY FORM POTENTIALLY EXPLOSIVE METAL AZIDES WITH LEAD AND COPPER PLUMBING. FOR DISPOSAL, REAGENTS SHOULD BE FLUSHED AWAY WITH LARGE VOLUMES OF WATER TO PREVENT AZIDE BUILD UP.  
BOTH SAMPLES AND KIT REAGENTS SHOULD BE HANDLED WITH CAUTION, FOLLOWING GOOD LABORATORY PRACTICE. ALL MATERIALS SHOULD BE CONSIDERED AS BEING POTENTIALLY INFECTIOUS OR TOXIC. USE CARE TO PREVENT AEROSOLS AND DECONTAMINATE ANY SAMPLE SPILLS.  
SUBSTRATE CONTAINS NBT AND BCIP WHICH MAY BE TOXIC IF INHALED OR AFTER CONTACT WITH SKIN OR MUCOUS MEMBRANES. ANY SUBSTRATE THAT COMES INTO CONTACT WITH THE SKIN SHOULD BE RINSED OFF WITH PLENTY OF WATER.

#### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR  
LIQUID.

SECTION 10. STABILITY AND REACTIVITY

HAZARD COMPONENTS ARE VERY DILUTED. FOR MORE INFORMATION, REFER TO THE MATERIAL SAFETY DATA SHEET(S) FOR THE ITEM (S) LISTED IN SECTION 2.

SECTION 11. TOXICOLOGICAL INFORMATION

HAZARD COMPONENTS ARE VERY DILUTED. FOR MORE INFORMATION, REFER TO THE MATERIAL SAFETY DATA SHEET(S) FOR THE ITEM(S) LISTED IN SECTION 2.

SECTION 12. ECOLOGICAL INFORMATION

DATA NOT YET AVAILABLE.

SECTION 13. DISPOSAL CONSIDERATIONS

CONTACT A LICENSED PROFESSIONAL WASTE DISPOSAL SERVICE TO DISPOSE OF THIS MATERIAL.

OBSERVE ALL STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

SECTION 14. TRANSPORT INFORMATION

CONTACT LDBIO DIAGNOSTICS FOR TRANSPORTATION INFORMATION.

SECTION 15. REGULATORY INFORMATION

DATA NOT YET AVAILABLE

SECTION 16. OTHER INFORMATION

THE ABOVE INFORMATION IS BELIEVED TO BE CORRECT BUT DOES NOT PURPORT TO BE ALL INCLUSIVE AND SHALL BE USED ONLY AS A GUIDE. LDBIO DIAGNOSTICS SHALL NOT BE HELD LIABLE FOR ANY DAMAGE RESULTING FROM HANDLING OR FROM CONTACT WITH THE ABOVE PRODUCT.