

**MATERIAL SAFETY DATA SHEET**

**Peroxidase Conjugated Antibody**

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REVIEWED:

**SECTION 1:-----CHEMICAL IDENTIFICATION-----**

NAME: PEROXIDASE CONJUGATED ANTIBODIES.

**SECTION 2:-----COMPOSITION/INFORMATION ON INGREDIENTS-----**

SUBSTANCE NAME	CAS #
LIQUID ANTIBODY	N/A

THE HAZARDS IDENTIFIED WITH THIS  
PRODUCT ARE THOSE ASSOCIATED WITH THE  
FOLLOWING COMPONENT(S):

GENTAMICIN SULFATE	1405-41-0
SODIUM CHLORIDE	7647-14-5

**SECTION 3:-----HAZARDS IDENTIFICATION-----**

EMERGENCY OVERVIEW  
HMIS RATING

HEALTH: 3  
FLAMMABILITY: 0  
REACTIVITY: 0

NFPA RATING

HEALTH: 3  
FLAMMABILITY: 0  
REACTIVITY: 0

FOR ADDITIONAL INFORMATION ON TOXICITY, PLEASE REFER TO SECTION 11.

**SECTION 4:-----FIRST-AID MEASURES-----**

ORAL EXPOSURE

IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS  
CONSCIOUS. CALL A PHYSICIAN IMMEDIATELY.

INHALATION EXPOSURE

IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL  
RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.

DERMAL EXPOSURE

IN CASE OF SKIN CONTACT, FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT  
LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHING AND SHOES. CALL A  
PHYSICIAN.

EYE EXPOSURE

IN CASE OF CONTACT WITH EYES, FLUSH WITH COPIOUS AMOUNTS OF WATER  
FOR AT LEAST 15 MINUTES. ASSURE ADEQUATE FLUSHING BY SEPARATING THE  
EYELIDS WITH FINGERS. CALL A PHYSICIAN.

**SECTION 5:-----FIRE FIGHTING MEASURES-----**

AUTOIGNITION TEMP

N/A

FLAMMABILITY

N/A

EXTINGUISHING MEDIA

SUITABLE: NONCOMBUSTIBLE. USE EXTINGUISHING MEDIA APPROPRIATE TO SURROUNDING FIRE CONDITIONS.

FIREFIGHTING

PROTECTIVE EQUIPMENT: WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN AND EYES.

SPECIFIC HAZARD(S): EMITS TOXIC FUMES UNDER FIRE CONDITIONS.

**SECTION 6:-----ACCIDENTAL RELEASE MEASURES-----**

PROCEDURE(S) OF PERSONAL PRECAUTION(S)

WEAR RESPIRATOR, CHEMICAL SAFETY GOGGLES, RUBBER BOOTS, AND HEAVY RUBBER GLOVES.

METHODS FOR CLEANING UP

SPILLED MATERIAL SHOULD BE CAREFULLY WIPED UP OR MOISTENED WITH WATER AND REMOVED. VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.

**SECTION 7:-----HANDLING AND STORAGE-----**

HANDLING

USER EXPOSURE: AVOID INHALATION. AVOID CONTACT WITH EYES, SKIN, AND CLOTHING. AVOID PROLONGED OR REPEATED EXPOSURE.

**SECTION 8:-----EXPOSURE CONTROLS/PERSONAL PROTECTION-----**

PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY: USE RESPIRATORS AND COMPONENTS TESTED AND APPROVED UNDER APPROPRIATE GOVERNMENT STANDARDS SUCH AS NIOSH (US) OR CEN (EU). WHERE RISK ASSESSMENT SHOWS AIR-PURIFYING RESPIRATORS ARE APPROPRIATE USE A FULL-FACE PARTICLE RESPIRATOR TYPE N100 (US) OR TYPE P3 (EN 143) RESPIRATOR CARTRIDGES AS A BACKUP TO ENGINEERING CONTROLS. IF THE RESPIRATOR IS THE SOLE MEANS OF PROTECTION, USE A FULL-FACE SUPPLIED AIR RESPIRATOR.

HAND: COMPATIBLE CHEMICAL-RESISTANT GLOVES.

EYE: CHEMICAL SAFETY GOGGLES.

GENERAL HYGIENE MEASURES

WASH THOROUGHLY AFTER HANDLING. WASH CONTAMINATED CLOTHING BEFORE REUSE.

**SECTION 9:-----PHYSICAL AND CHEMICAL PROPERTIES-----**

APPEARANCE AND ODOR

LIQUID

**SECTION 10:-----STABILITY AND REACTIVITY -----**

STABLE

GENTAMICIN: CARBON DIOXIDE, CARBON MONOXIDE, NITROGEN OXIDES

SODIUM CHLORIDE: AVOID STRONG OXIDIZING AGENTS AND ACIDS

HAZARDOUS DECOMPOSITION PRODUCTS: NATURE OF DECOMPOSITION

PRODUCTS IS UNKNOWN

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

**SECTION 11:-----TOXICOLOGICAL INFORMATION-----**

ROUTE OF EXPOSURE

SKIN CONTACT: MAY CAUSE SKIN IRRITATION.

SKIN ABSORPTION: MAY BE HARMFUL IF ABSORBED THROUGH THE SKIN.

EYE CONTACT: MAY CAUSE EYE IRRITATION.

INHALATION: MAY BE HARMFUL IF INHALED. MATERIAL MAY BE

IRRITATING TO MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT.

INGESTION: MAY BE HARMFUL IF SWALLOWED.

THE TOXICOLOGICAL PROPERTIES OF THIS PRODUCT HAVE NOT BEEN FULLY INVESTIGATED.

**SECTION 12:-----ECOLOGICAL INFORMATION-----**

DATA NOT YET AVAILABLE

**SECTION 13:-----DISPOSAL CONSIDERATIONS-----**

OBSERVE ALL FEDERAL, STATE, AND LOCAL ENVIRONMENTAL REGULATIONS.

**SECTION 14:-----TRANSPORT INFORMATION-----**

DOT

PROPER SHIPPING NAME: NONE

NON-HAZARDOUS FOR TRANSPORT: THIS SUBSTANCE IS CONSIDERED TO BE NON-HAZARDOUS FOR TRANSPORT.

IATA

NON-HAZARDOUS FOR AIR TRANSPORT: NON-HAZARDOUS FOR AIR TRANSPORT.

**SECTION 15:-----REGULATORY INFORMATION-----**

NOT 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. MANUFACTURER SHALL NOT BE HELD LIABLE FOR ANY DAMAGE RESULTING FROM HANDLING FROM CONTACT WITH THE ABOVE PRODUCT.

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