



**Oxford Biomedical Research**  
 Superior Science, Reliable Results.

**MATERIAL SAFETY DATA SHEET**

Human PAI-1 (latent wild type)  
 Product Number: PI 02  
 Typical Aliquot: 0.5 mg

SECTION 1. - - - - - CHEMICAL IDENTIFICATION- - - - -

CATALOG #: PI 02  
 NAME: HUMAN PAI-1 (LATENT WILD TYPE)

SECTION 2. - - - - - COMPOSITION/INFORMATION ON INGREDIENTS - - - - -

THIS PRODUCT IS COMPRISED OF INACTIVE WILD TYPE HUMAN PAI-1 THAT HAS BEEN PURIFIED TO BE VOID OF OTHER PROTEINS.

SECTION 3. - - - - - HAZARDS IDENTIFICATION - - - - -

LABEL PRECAUTIONARY STATEMENTS

THIS PAI-1 IS OF HUMAN ORIGIN AND HAVE BEEN SCREENED AND FOUND TO BE NEGATIVE FOR HBAG, ANTI-HIV 1+2, ANTI-HBC AND ANTI-HCV. IT IS RECOMMENDED THAT HANDLING OF THIS COMPONENT BE TREATED AS A BIOSAFETY LEVEL 2 - A POTENTIALLY INFECTIOUS HUMAN SERUM OR BLOOD SPECIMEN - AND FOLLOW THE GUIDELINES AS ESTABLISHED BY THE CENTER FOR DISEASE CONTROL/NATIONAL INSTITUTES OF HEALTH MANUAL "BIOSAFETY IN MICROBIOLOGICAL AND BIOMEDICAL LABORATORIES".

SECTION 4. - - - - - FIRST-AID MEASURES- - - - -

IF SWALLOWED, WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS. CALL A PHYSICIAN IMMEDIATELY.  
 IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN.  
 IN CASE OF SKIN CONTACT, FLUSH WITH COPIOUS AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. REMOVE CONTAMINATED CLOTHING AND SHOES. CALL A PHYSICIAN.  
 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.  
 REFER TO SECTION 3 FOR INFECTIOUS OR HAZARDOUS GUIDELINES.

SECTION 5. - - - - - FIRE FIGHTING MEASURES - - - - -

EXTINGUISHING MEDIA

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 SELF-CONTAINED BREATHING APPARATUS, RUBBER BOOTS AND HEAVY RUBBER GLOVES.  
 WIPE UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL.  
 VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.  
 REFER TO SECTION 3 FOR INFECTIOUS OR HAZARDOUS GUIDELINES.

SECTION 7. - - - - - HANDLING AND STORAGE- - - - -

REFER TO SECTIONS 3 & 8.

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

SAFETY SHOWER AND EYE BATH.  
 MECHANICAL EXHAUST REQUIRED.  
 WASH THOROUGHLY AFTER HANDLING.  
 AVOID INHALATION.  
 AVOID CONTACT WITH EYES, SKIN AND CLOTHING.

AVOID PROLONGED OR REPEATED EXPOSURE.  
NIOSH/MSHA-APPROVED RESPIRATOR.  
COMPATIBLE CHEMICAL-RESISTANT GLOVES.  
CHEMICAL SAFETY GOGGLES.  
KEEP TIGHTLY CLOSED.  
STORE IN A COOL DRY PLACE.

SECTION 9. - - - - - PHYSICAL AND CHEMICAL PROPERTIES - - - - -  
APPEARANCE AND ODOR  
FROZEN LIQUID.

SECTION 10. - - - - - -STABILITY AND REACTIVITY - - - - -  
STABILITY  
STABLE.  
INCOMPATIBILITIES  
STRONG OXIDIZING AGENTS  
HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS  
CARBON MONOXIDE, CARBON DIOXIDE  
HAZARDOUS POLYMERIZATION  
WILL NOT OCCUR.

SECTION 11. - - - - - TOXICOLOGICAL INFORMATION - - - - -  
ACUTE EFFECTS  
MAY CAUSE SKIN IRRITATION.  
MAY BE HARMFUL IF ABSORBED THROUGH THE SKIN.  
MAY CAUSE EYE IRRITATION.  
MAY BE HARMFUL IF INHALED.  
MATERIAL MAY BE IRRITATING TO MUCOUS MEMBRANES AND UPPER  
RESPIRATORY TRACT.  
MAY BE HARMFUL IF SWALLOWED.  
POTENTIALLY BIOHAZARDOUS MATERIAL. REFER TO SECTION 3 FOR INFECTIOUS OR  
HAZARDOUS GUIDELINES.

SECTION 12. - - - - - ECOLOGICAL INFORMATION - - - - -  
DATA NOT YET AVAILABLE.

SECTION 13. - - - - - DISPOSAL CONSIDERATIONS - - - - -  
CONTACT A LICENSED PROFESSIONAL WASTE DISPOSAL SERVICE TO DISPOSE OF  
THIS MATERIAL.  
DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH EXISTING DISPOSAL PRACTICES  
EMPLOYED FOR INFECTIOUS WASTE AT YOUR INSTITUTION.  
OBSERVE ALL FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

SECTION 14. - - - - - TRANSPORT INFORMATION - - - - -  
CONTACT OXFORD BIOMEDICAL RESEARCH INC. FOR TRANSPORTATION INFORMATION.

SECTION 15. - - - - - REGULATORY INFORMATION - - - - -  
EUROPEAN INFORMATION  
WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES AND EYE/FACE  
PROTECTION.

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