



Oxford Biomedical Research
 Superior Science, Reliable Results.

MATERIAL SAFETY DATA SHEET

Human Antithrombin
 Product Number: CT 01
 Aliquot: 1.0 mg

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

CATALOG #: CT 01
 NAME: HUMAN ANTITHROMBIN III

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

CAS #: 90170-80-2

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

LABEL PRECAUTIONARY STATEMENTS
 BIOHAZARD
 HANDLE AS IF CAPABLE OF TRANSMITTING INFECTIOUS AGENTS.
 WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES AND EYE/FACE
 PROTECTION.

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.

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.

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

REFER TO SECTION 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.

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.

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. OXFORD BIOMEDICAL
 RESEARCH
 INC. SHALL NOT BE HELD LIABLE FOR ANY DAMAGE RESULTING FROM HANDLING
 OR FROM CONTACT WITH THE ABOVE PRODUCT.

The information provided in this document is believed to be correct, but does not purport to be all-inclusive. This document is to serve only as a guide. Oxford Biomedical Research shall not be held liable for damages resulting from handling or contact with the above product(s). The contents of this document are not reflective of nor a substitute for state, municipal or insurance requirements and constitute no warranty of any kind.