

Product Number: CT36  
Product Name: Human Alpha-Thrombin  
Revision: 221102

**1.1 Product Identification**

Product Name: CT36 Human Alpha-Thrombin  
Product Number: CT36  
Brand: Oxford Biomedical Research

**1.2 Supplier**

Company: Oxford Biomedical Research, Inc.  
PO Box 522  
Oxford, MI 48371  
USA  
Contact: 248-852-8815  
[info@oxfordbiomed.com](mailto:info@oxfordbiomed.com)

**1.3 Relevant Uses**

Identified uses: Research Assay

**1.4 Emergency Contact Number**

Contact: 248-852-8815

**2.1 Classification of the substance or mixture**

Not a hazardous substance or mixture.

**2.2 GHS Label or Precautionary Statements**

Not a hazardous substance or mixture.

**2.3 Hazards not otherwise classified**

Human source material

**3.1 Substances:** Human Alpha-Thrombin (1mg)

Glycerine < = 50%

**4.1 Description of first aid measures**  
**If inhaled**

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

**In case of skin contact**

Wash off with soap and plenty of water. Remove contaminated clothing.

**In case of eye contact**

Flush eyes with plenty of water. Remove contact lenses.

**If swallowed**

Never give anything by mouth to an unconscious person. Rinse mouth with water (2 glasses at most). Consult a doctor if feeling unwell.

**4.2 Most important symptoms and effects: acute or delayed**

The most important symptoms/effects are listed in section 2 and 11

**4.3 Recommendations for immediate medical care or special treatment**

Treat symptomatically

**5.1 Extinguishing media**

Use water foam carbon dioxide dry powder.

**5.2 Special hazards**

Carbon oxides, combustible, ambient fire may liberate hazardous vapors.

**SECTION 6: Accidental Release Measures**

**6.1 Personal precautions and personal protective equipment**

Standard laboratory personal protective equipment should be utilized.

**6.2 Environmental precautions**

Do not let product enter drains.

**6.3 Methods for containment and clean up**

Wipe with absorbent material and dispose of in suitable container. Cover drains.

**SECTION 7: Handling and Storage**

**7.1 Precautions for safe handling**

Follow standard Good Laboratory Practices while using this product.

**7.2 Conditions for safe storage, including any incompatibilities**

Keep container tightly closed. Recommended storage temperature is -20°C.

## SECTION 8: Exposure Controls/Personal Protection

<b>8.1</b>	<b>OSHA Permissible Exposure Limits</b> Glycerine	Value: TWA Control Parameters: 5mg/m <sup>3</sup>
<b>8.2</b>	<b>Exposure controls</b>	Follow standard Good Laboratory Practices while using this product.
<b>8.3</b>	<b>Personal Protective Equipment</b>	
	<b>Eye/face protection</b>	Use eye protection approved by NIOSH or EN166.
	<b>Skin protection</b>	Handle with gloves. Use proper glove removal technique to avoid skin contact. Gloves should be disposed of after use according to standard Good Laboratory Practices. Wash hands after use.
	<b>Body protection</b>	Wear a lab coat in accordance to standard Good Laboratory Practices.
	<b>Respiratory protection</b>	Respiratory protection is not required.
	<b>Control of environmental exposure</b>	Do not let product enter drains.

## SECTION 9: Physical and Chemical Properties

<b>Appearance</b>	Clear viscous liquid
<b>Odor</b>	Odorless
<b>Flammability</b>	No data available
<b>Vapor Pressure</b>	No data available
<b>Odor Threshold</b>	No data available
<b>Vapor Density</b>	No data available
<b>pH</b>	No data available
<b>Relative Density</b>	No data available
<b>Melting Point</b>	No data available
<b>Freezing Point</b>	No data available
<b>Solubility</b>	No data available

<b>Boiling Point</b>	No data available
<b>Flash Point</b>	No data available
<b>Evaporation Rate:</b>	No data available
<b>Auto-ignition Temperature</b>	No data available
<b>Decomposition Temperature</b>	No data available
<b>Viscosity</b>	No data available

## **SECTION 10: Stability and Reactivity**

<b>10.1</b>	<b>Reactivity</b>	No data available
<b>10.2</b>	<b>Chemical Stability</b>	Stable under recommended storage conditions
<b>10.3</b>	<b>Possibility of hazardous reactions</b>	Risk of explosion with halogens, strong oxidizing agents, peroxi compounds, hydrogen peroxide, nitriles, perchloric acid, with lead oxides, nitric acid with sulfuric acid.

## **SECTION 11: Toxicological Information**

<b>11.1</b>	<b>Toxicity</b>	
	<b>Acute toxicity</b>	No data available
	<b>Skin irritation</b>	No known skin irritation
	<b>Serious eye damage or irritation</b>	No known eye irritation
	<b>Respiratory or skin sensitization</b>	No data available
	<b>Germ cell mutagenicity</b>	No data available
	<b>Carcinogenicity</b>	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen.
	<b>Reproductive toxicity</b>	No data available
	<b>Specific target organ toxicity</b>	No data available

**Aspiration hazard** No data available

## **SECTION 12: Ecological Information**

**12.1 Toxicity** Toxicity to fish, algae, daphnia and other

**12.2 Persistence and degradability** No data available

**12.3 Bioaccumulation potential** No data available

**12.4 Mobility in Soil** No data available

**12.5 Other adverse effects** No data available

## **SECTION 13: Disposal Considerations**

**13.1 Waste treatment methods** Dispose of product with a licensed disposal company.

## **SECTION 14: Transport Information**

**14.1 US DOT** Not dangerous goods

**14.2 IMDG** Not dangerous goods

**14.3 IATA** Not dangerous goods

## **SECTION 15: Regulatory Information**

No known regulatory requirements.

## **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.

Revision date: 11-3-22